

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

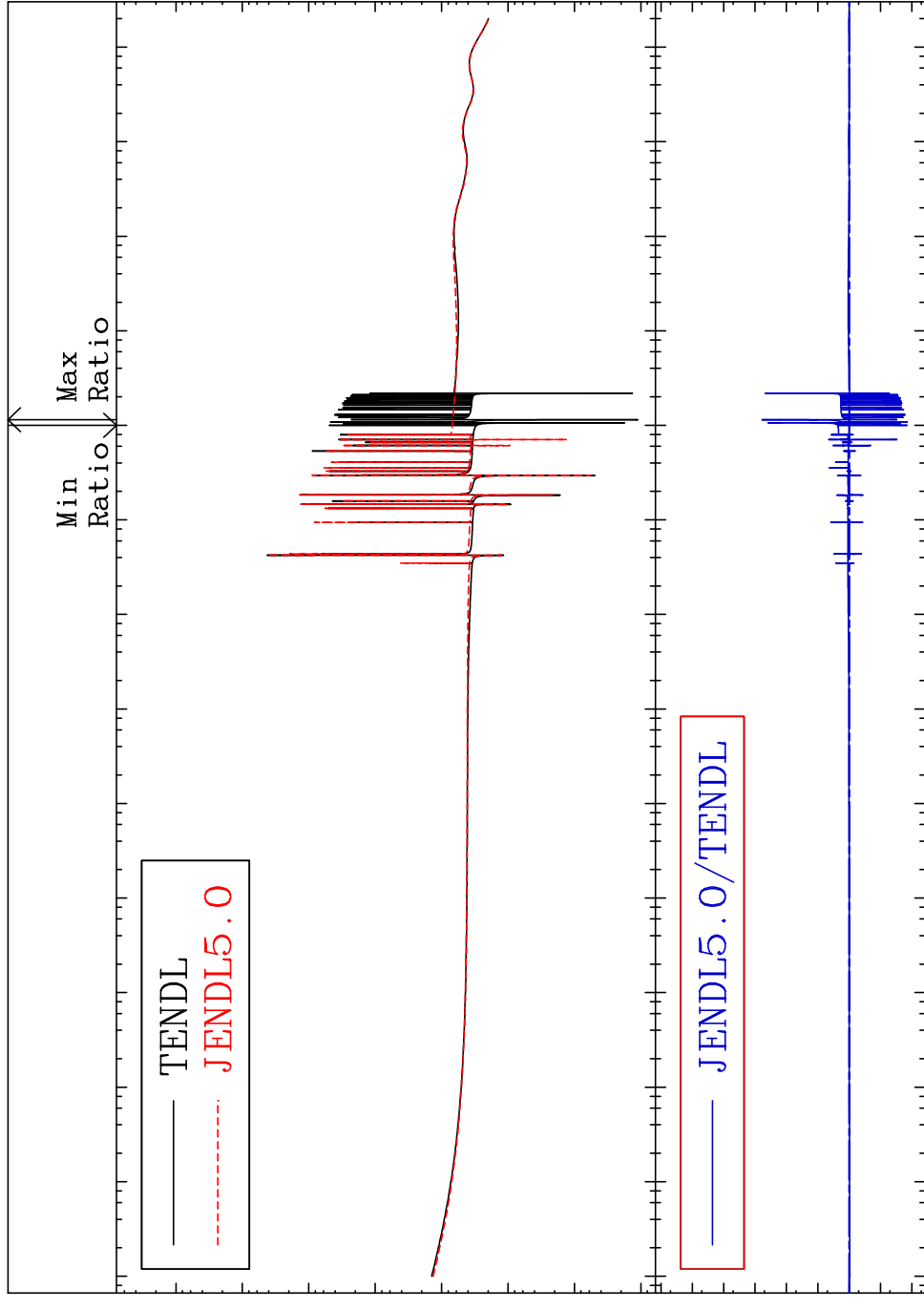
MAT 5249

Total

52-Te-128

Cross Section

-98.59 To 9999. %



10⁵
10⁴
10³
10²
10¹
10⁰
10⁻¹
10⁻²
Ratio
10³
10⁰

10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

1

Incident Energy (eV)

52-Te-128

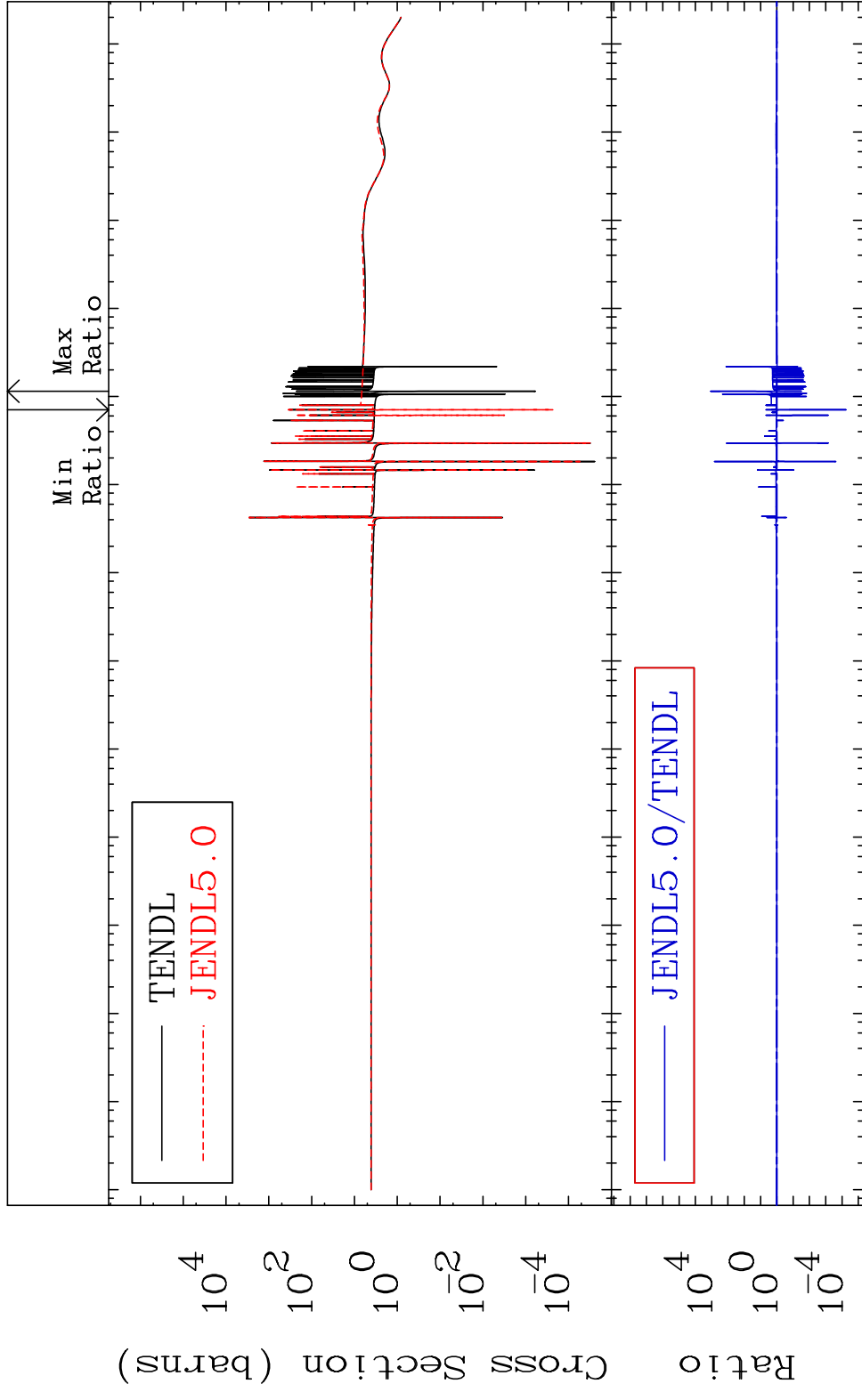
MAT 5249

Elastic

52-Te-128

Cross Section

-99.99 To 9999. %

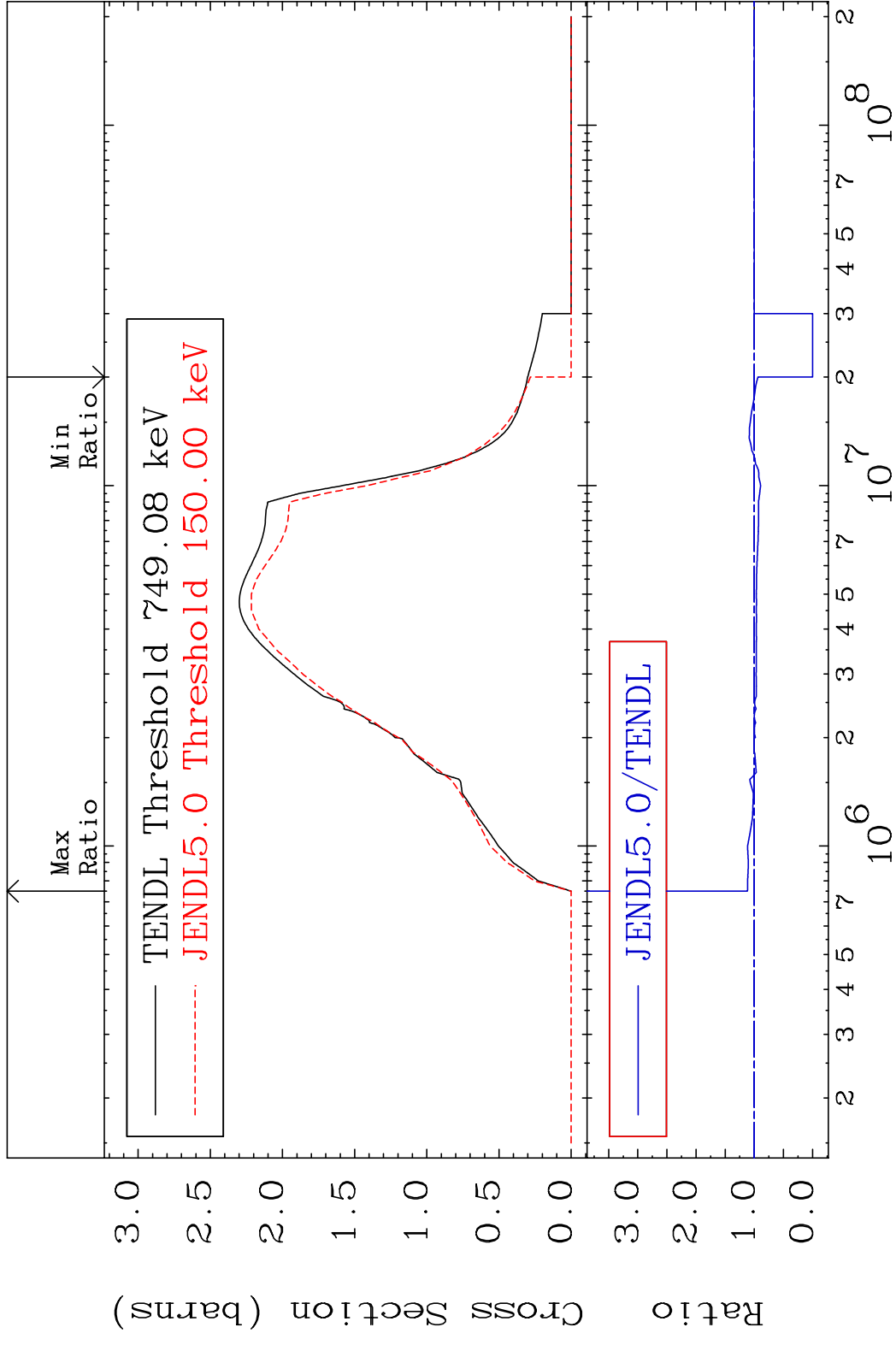


2

Incident Energy (eV)

52-Te-128

MAT 5249 Inelastic 52-Te-128
 Cross Section -100.0 To 123.5 %

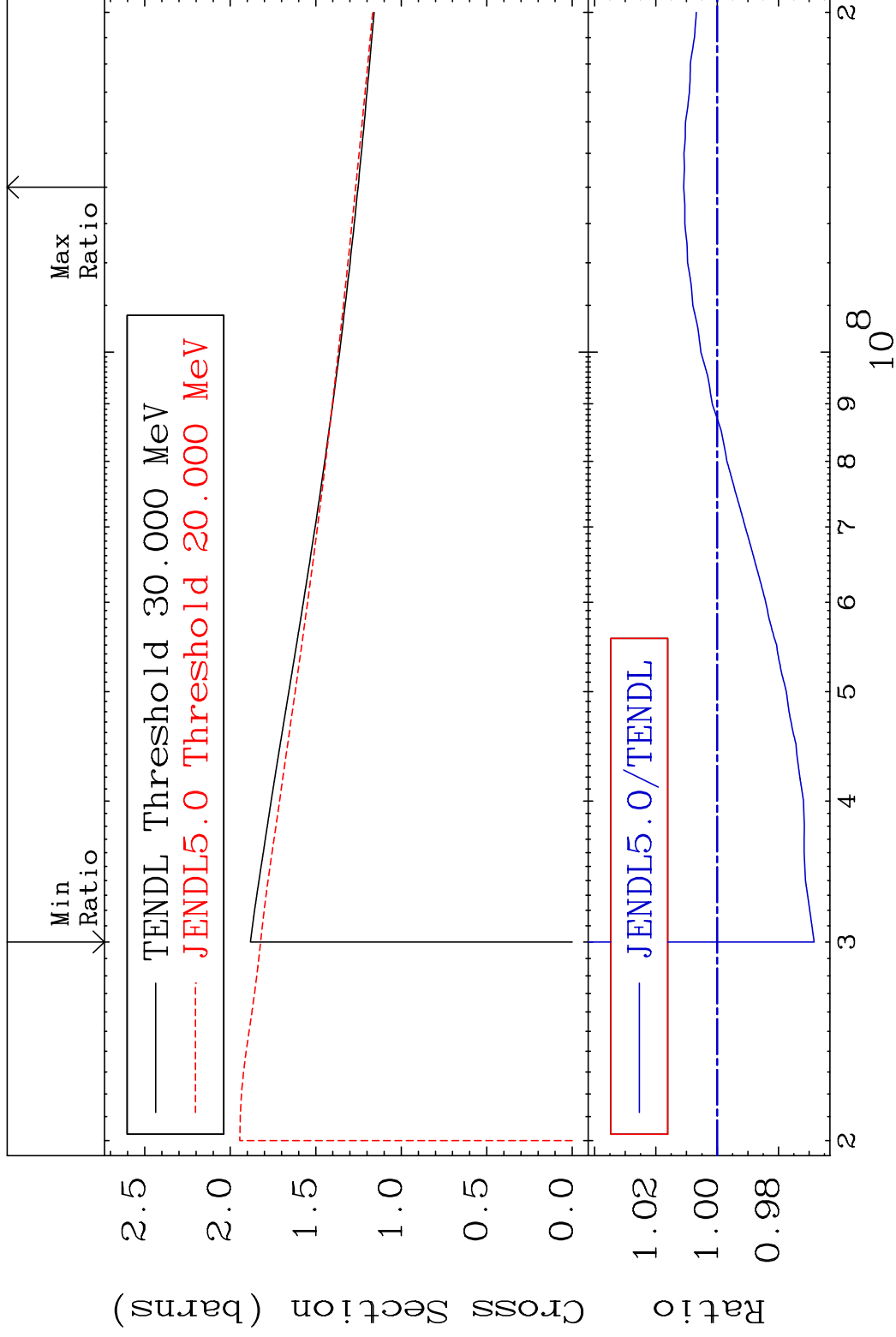


MAT 5249

(n, remainder)

52-Te-128

Cross Section -3.162 To 1.094 %



4

Incident Energy (eV)

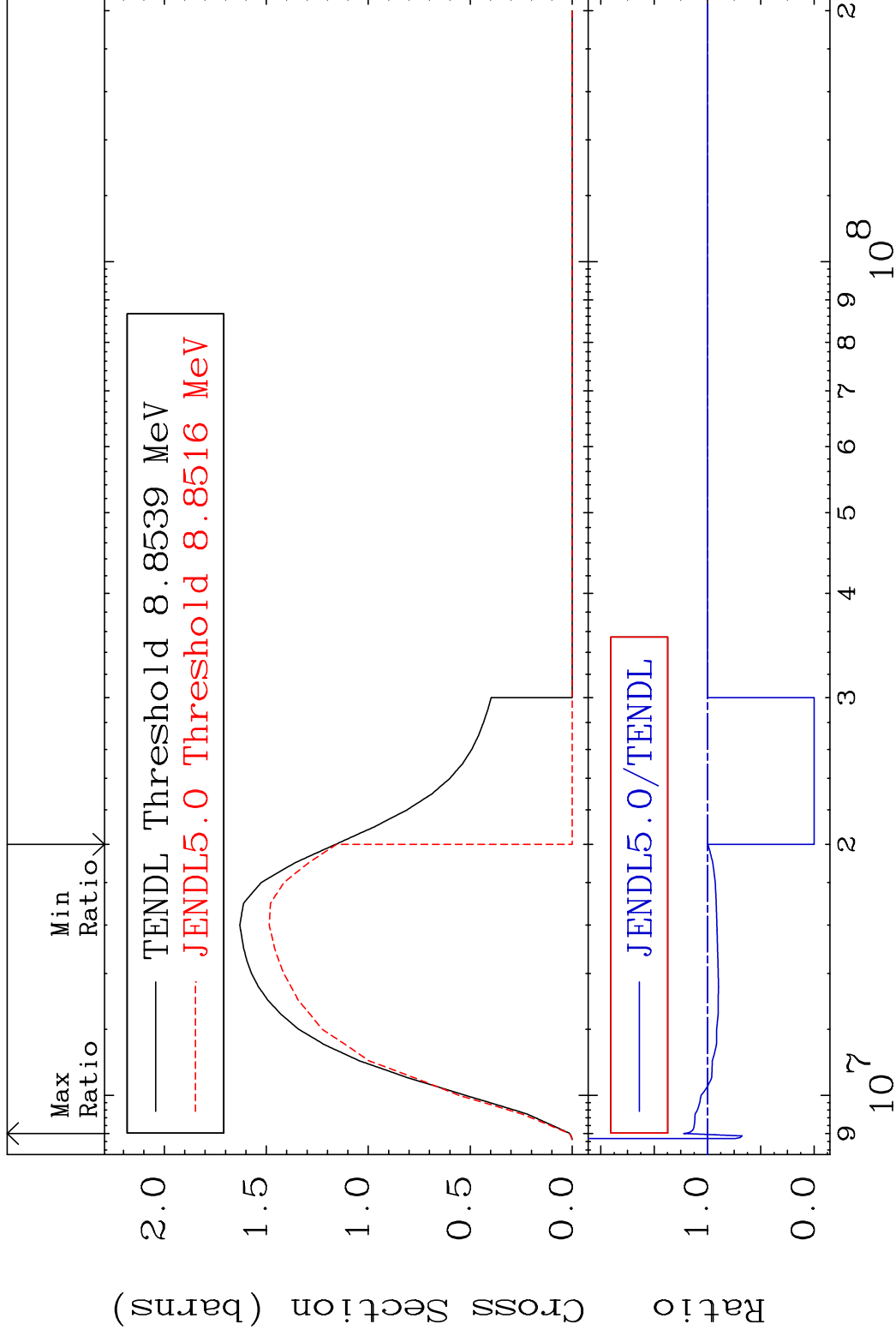
52-Te-128

MAT 5249

(n,2n)

52-Te-128

Cross Section -100.0 To 22.31 %

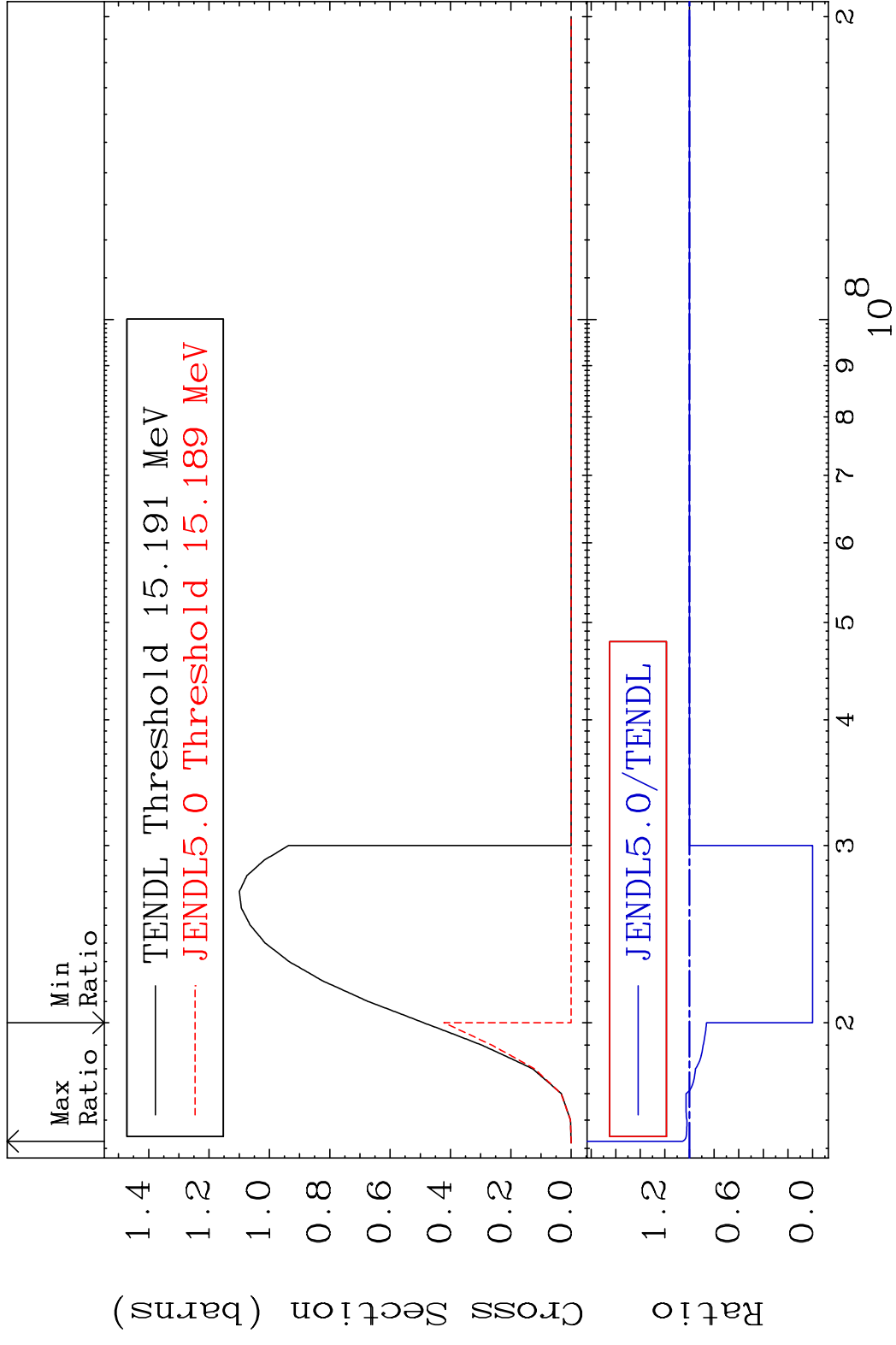


5

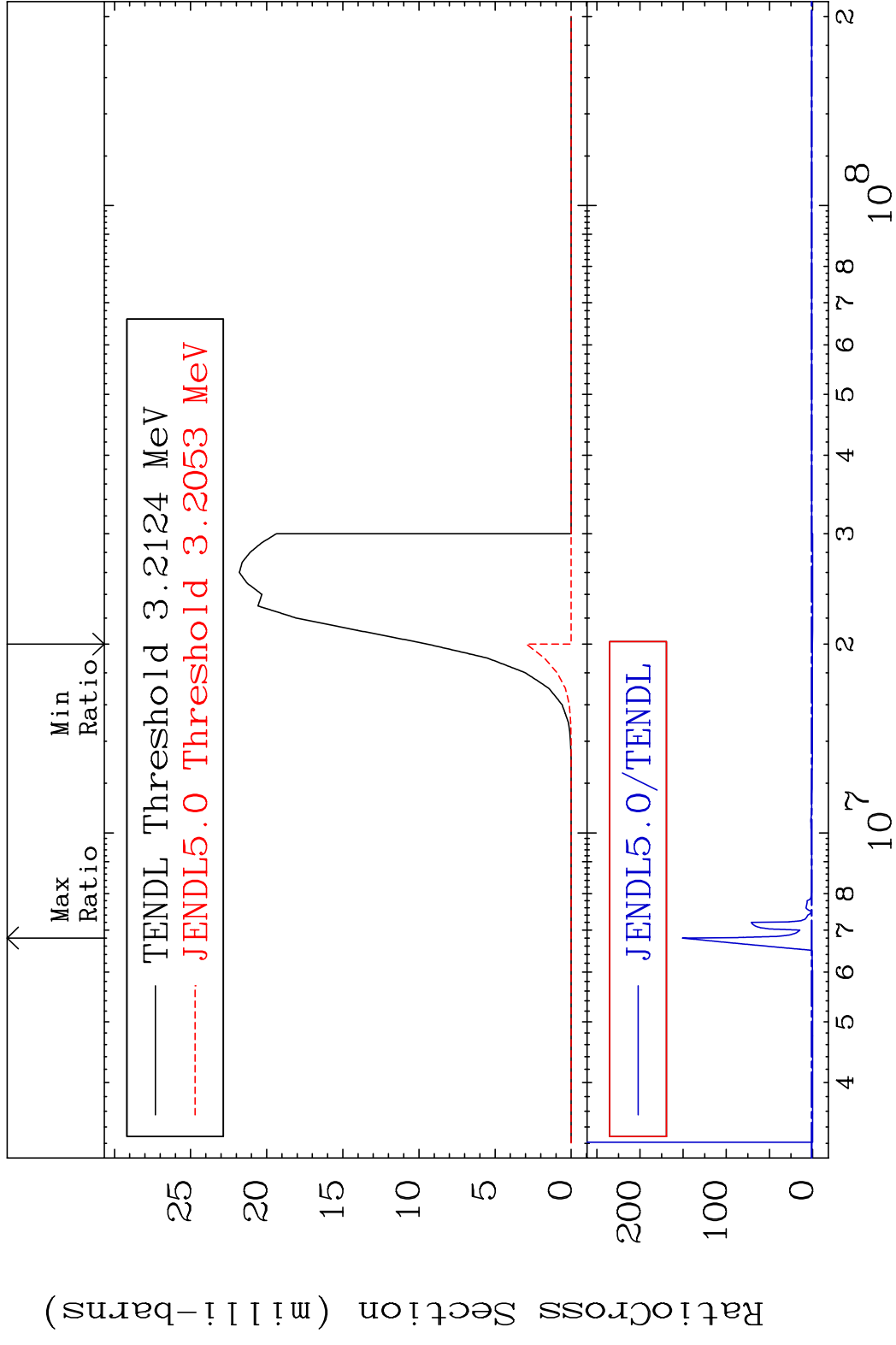
Incident Energy (eV)

52-Te-128

MAT 5249 (n,3n) 52-Te-128
 Cross Section -100.0 To 5.822 %



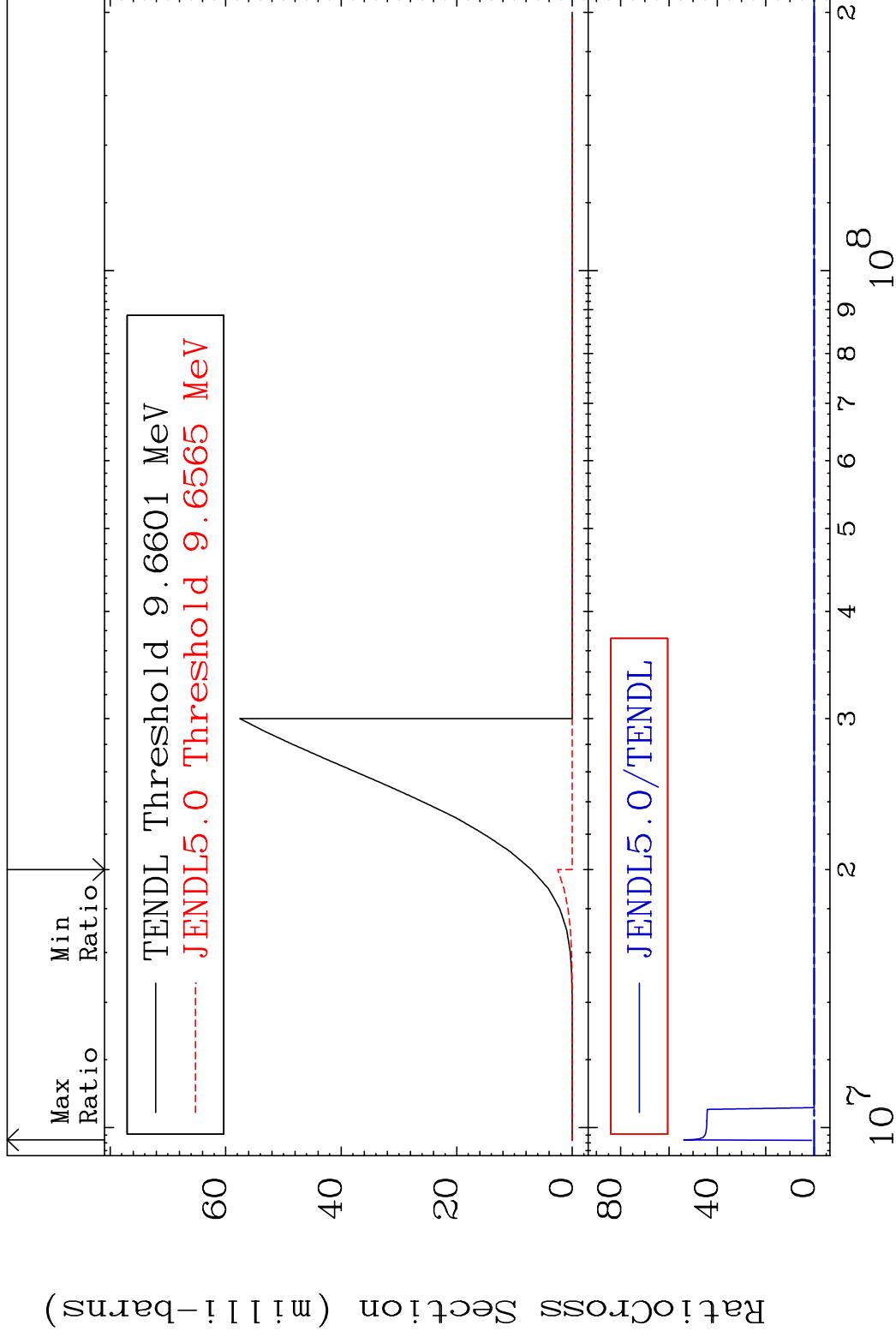
MAT 5249 (n, n') α 52-Te-128
 Cross Section -100.0 To 9999. %



MAT 5249

(n, n') p 52-Te-128

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

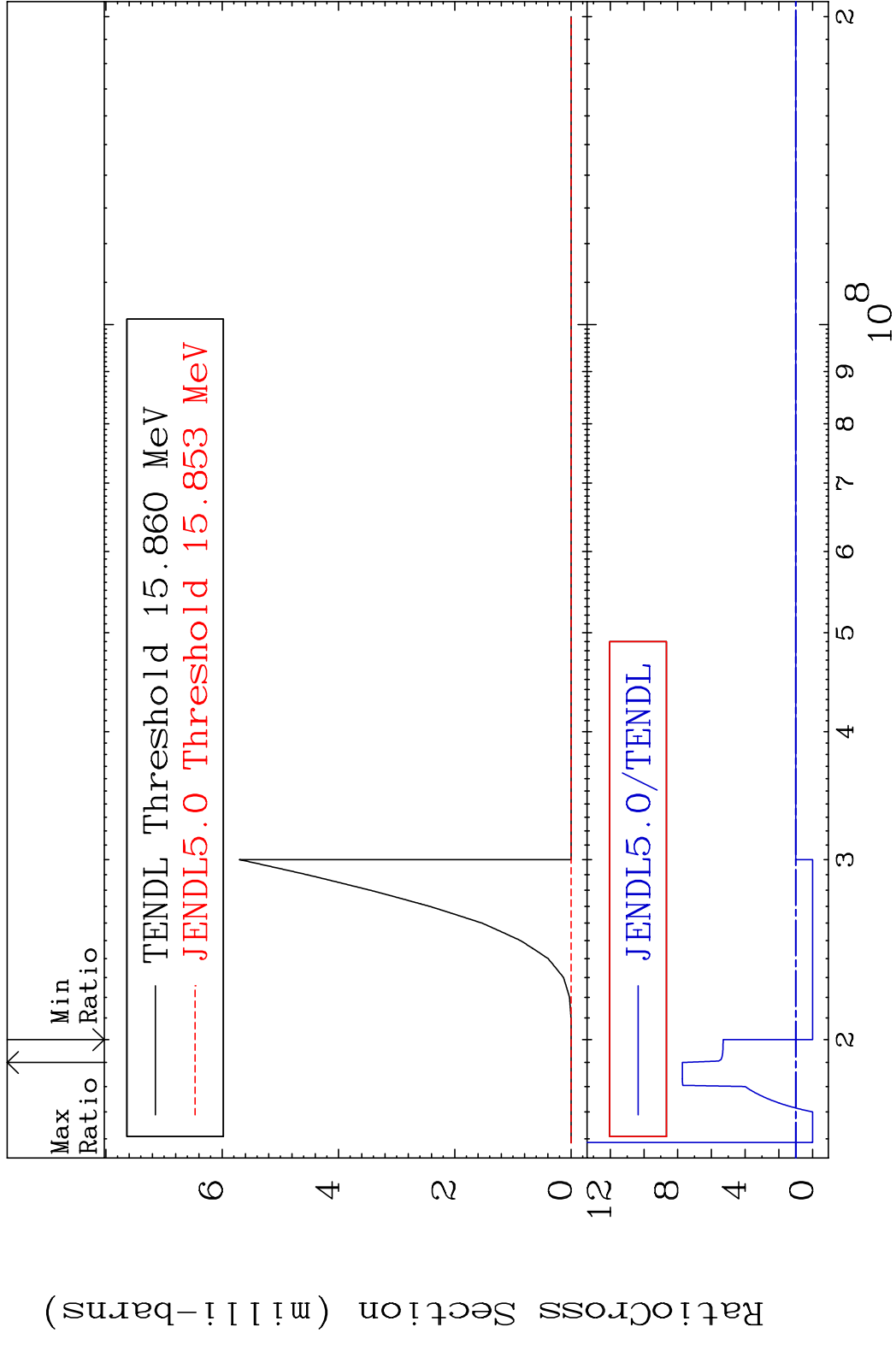
52-Te-128

MAT 5249

(n, n') d

52-Te-128

Cross Section -100.0 To 672.4 %

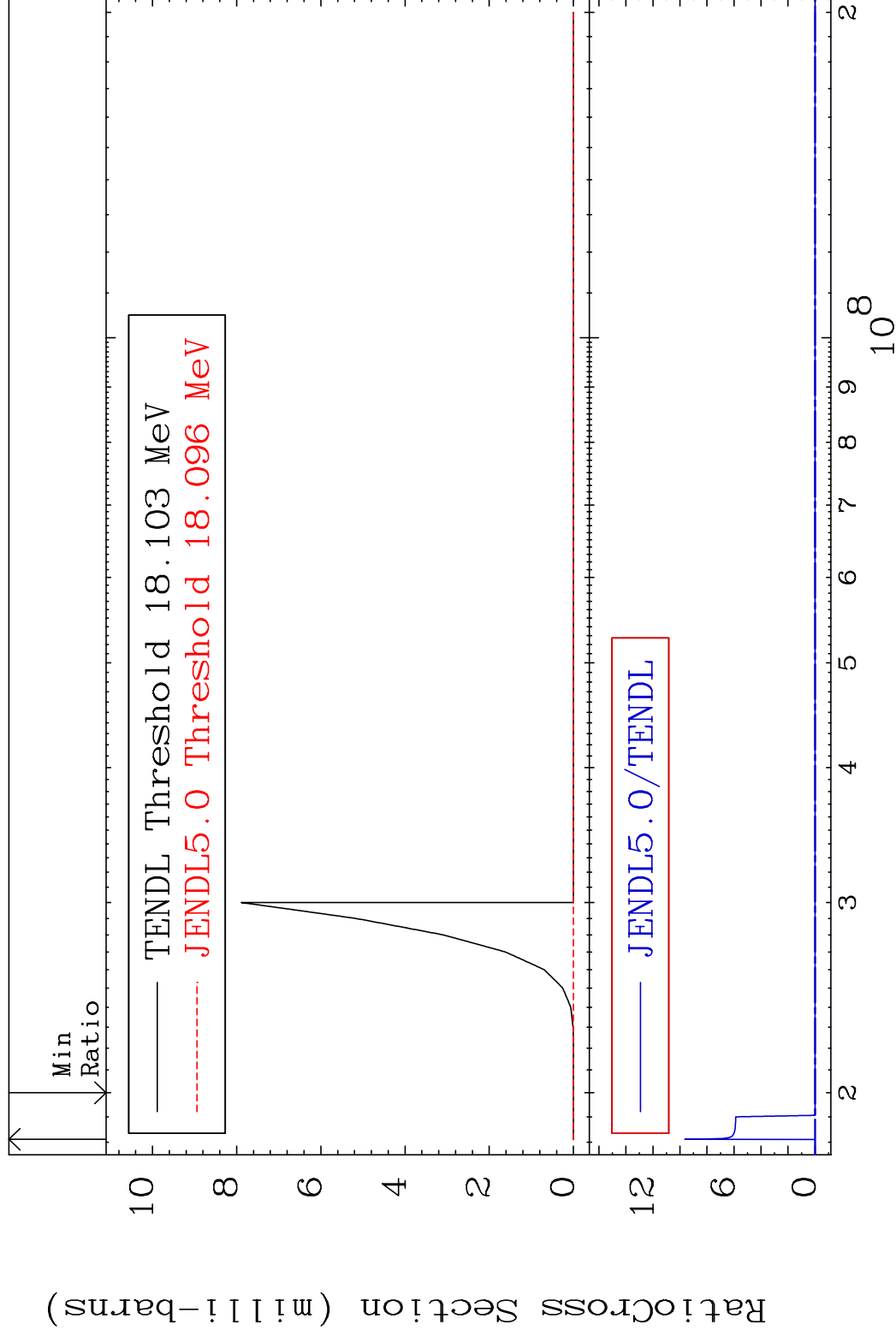


MAT 5249

(n,2n) p

52-Te-128

Cross Section -100.0 To 9999. %

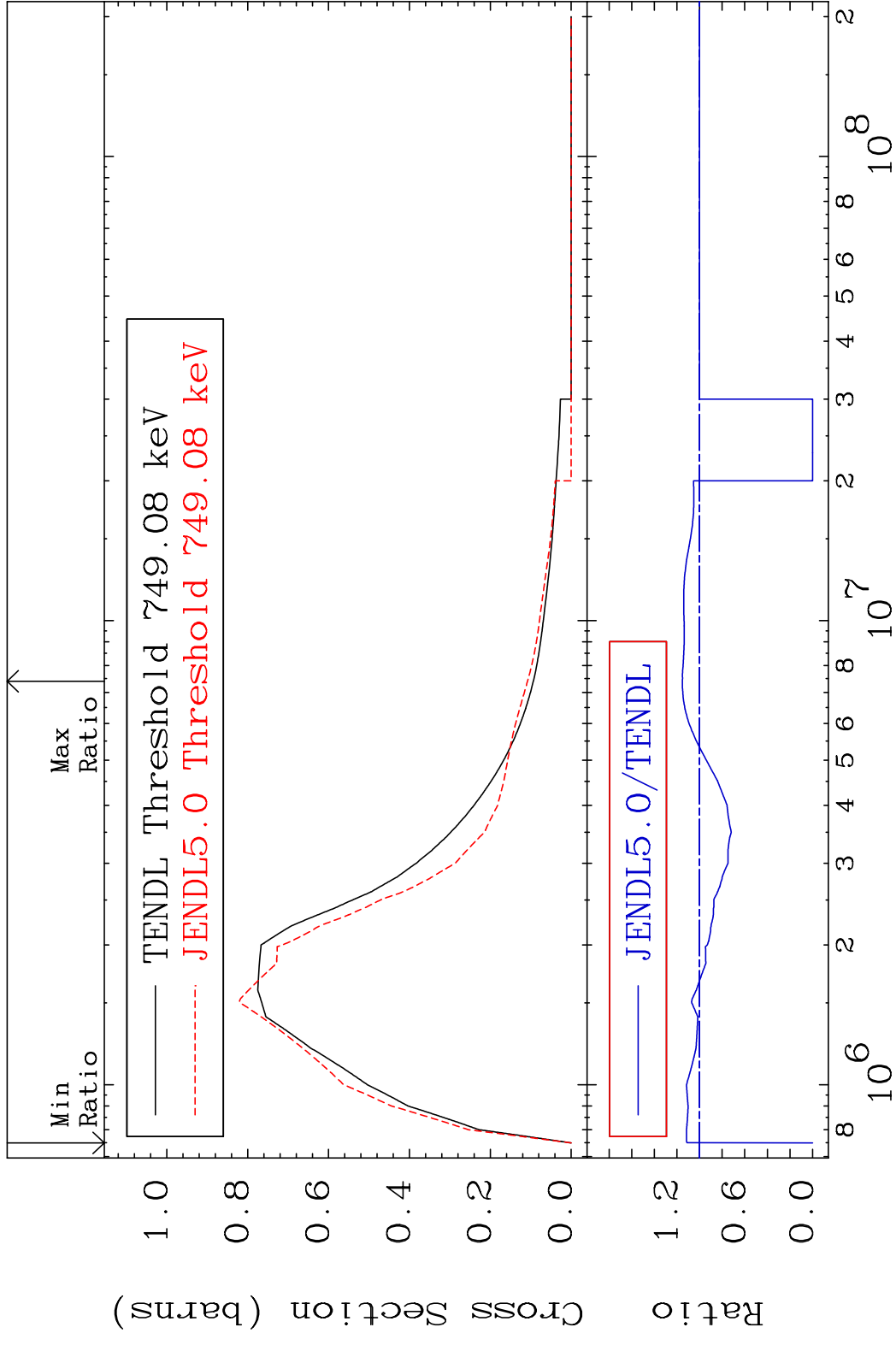


10

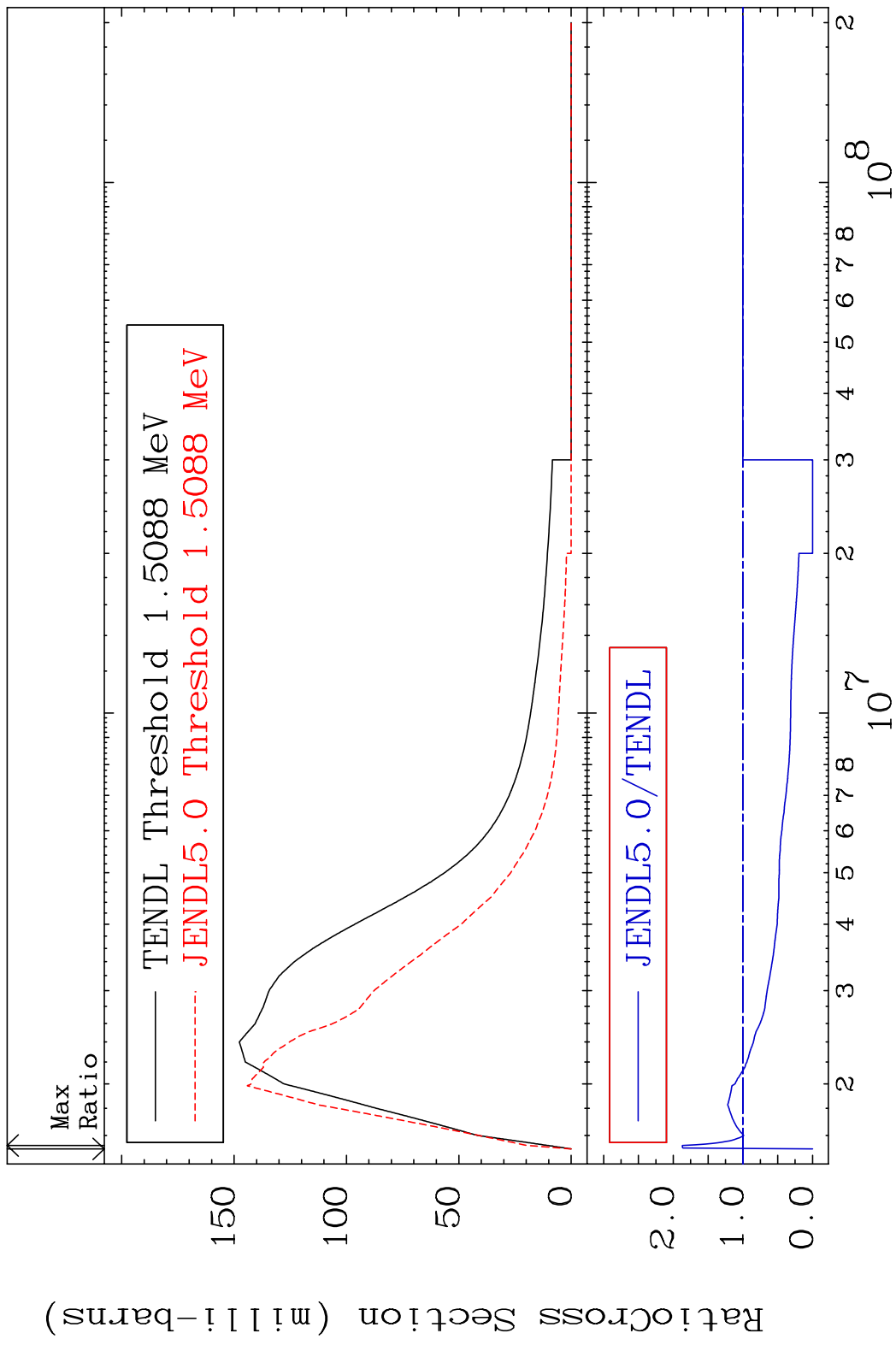
Incident Energy (eV)

52-Te-128

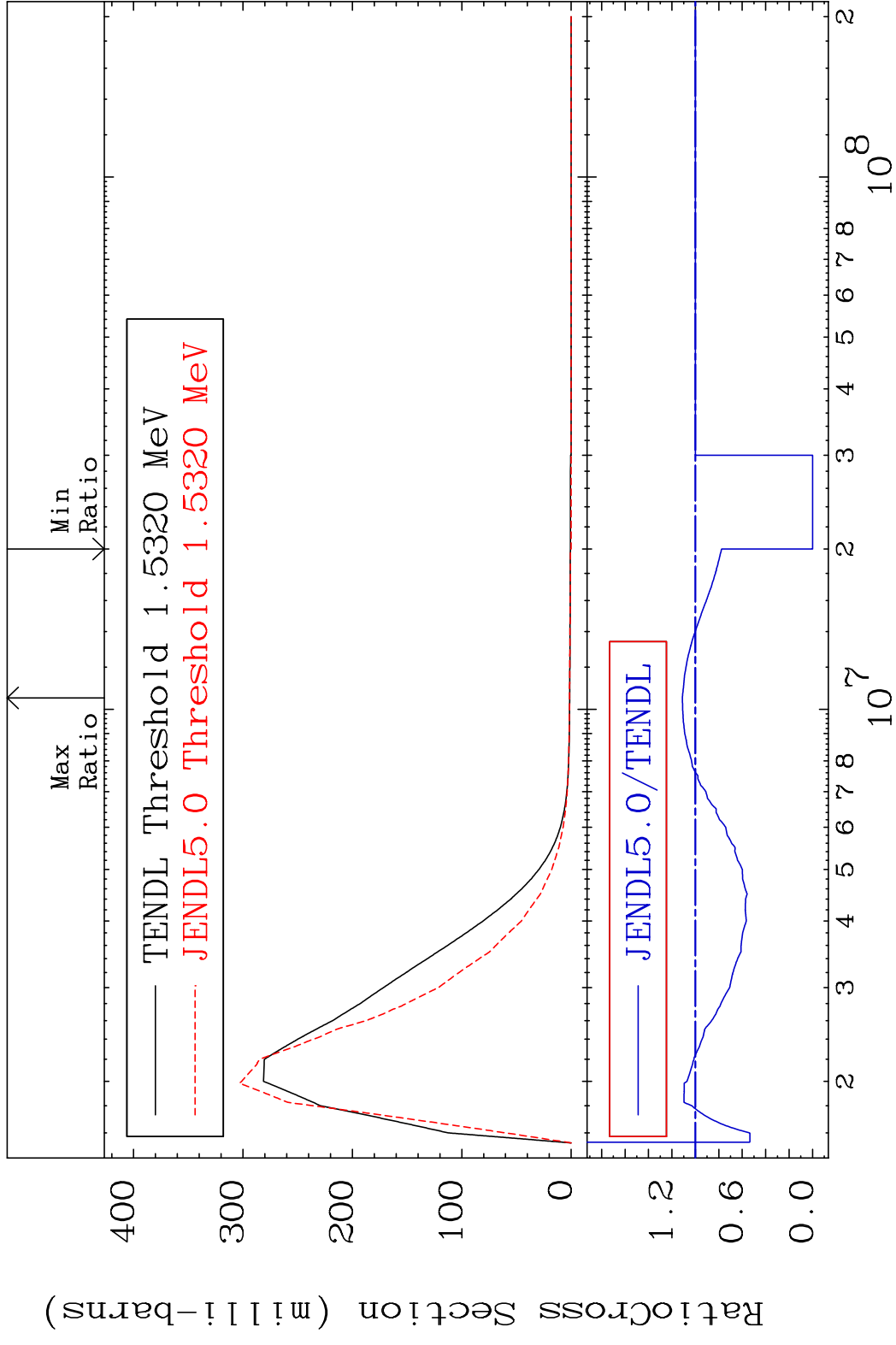
MAT 5249 MT= 51 (n, n') Level 52-Te-128
 Cross Section -100.0 To 15.23 %



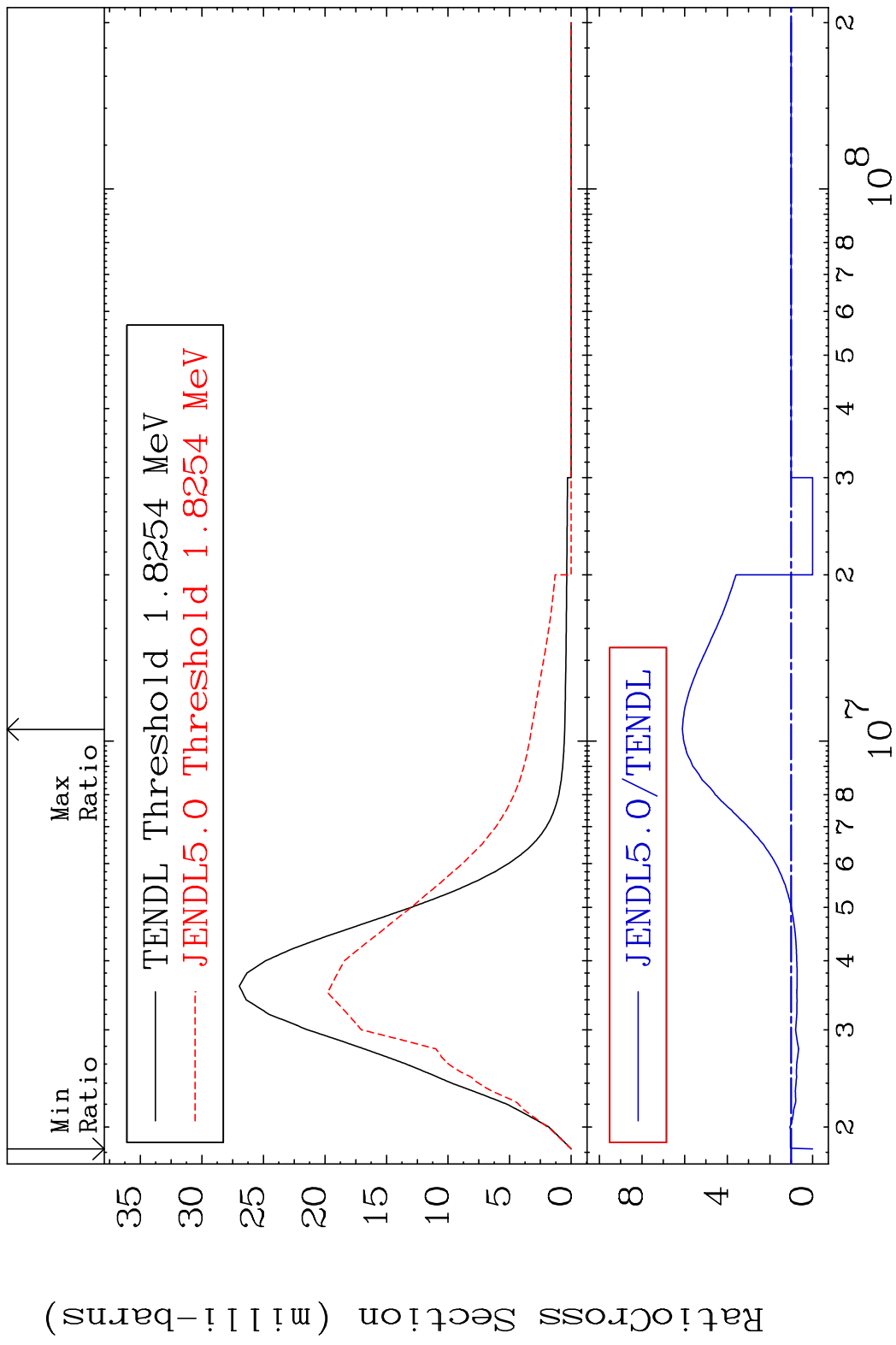
MAT 5249 MT= 52 (n, n') Level 52-Te-128
 Cross Section -100.0 To 87.00 %



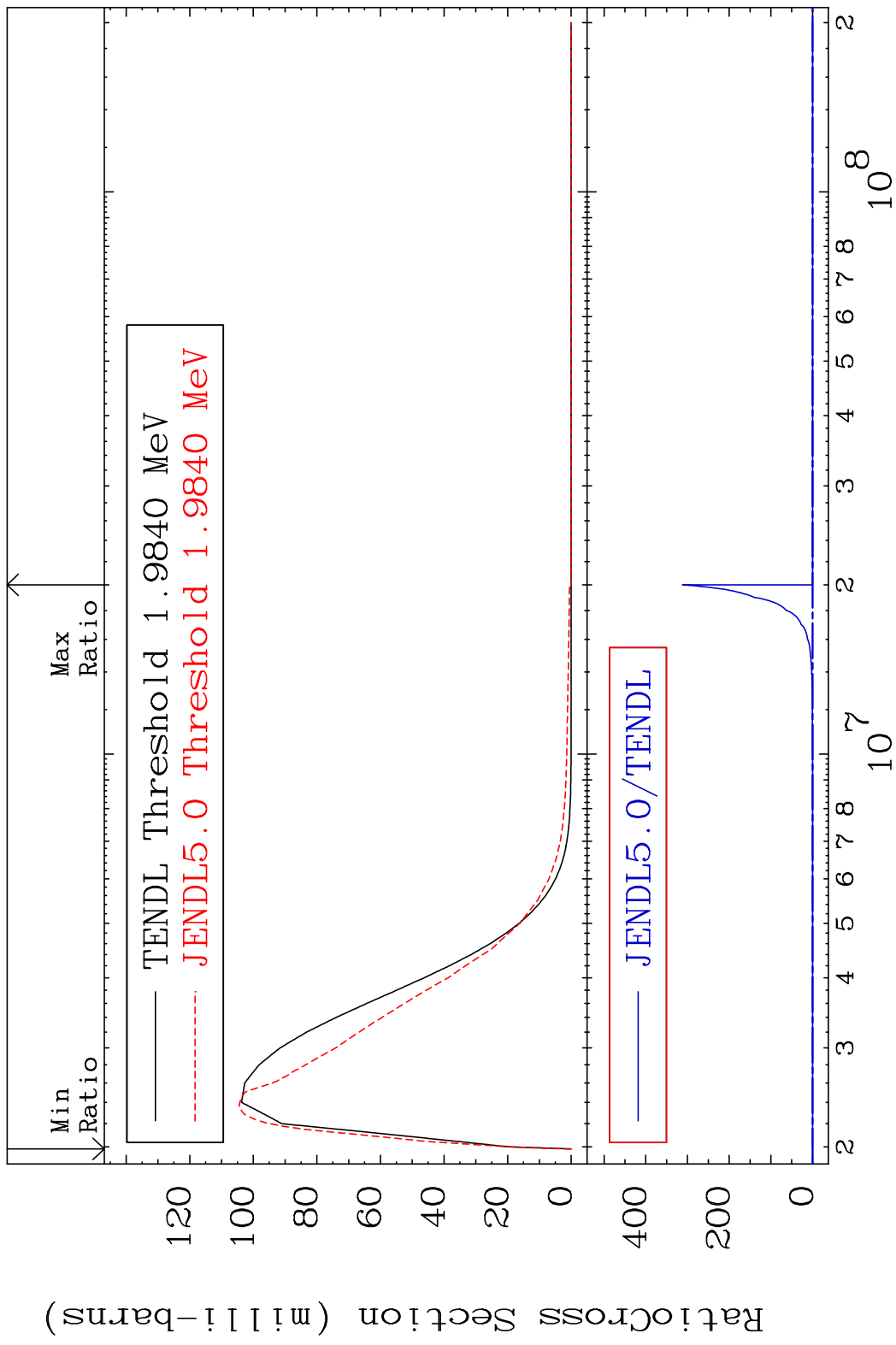
MAT 5249 MT= 53 (n, n') Level 52-Te-128
 Cross Section -100.0 To 11.11 %



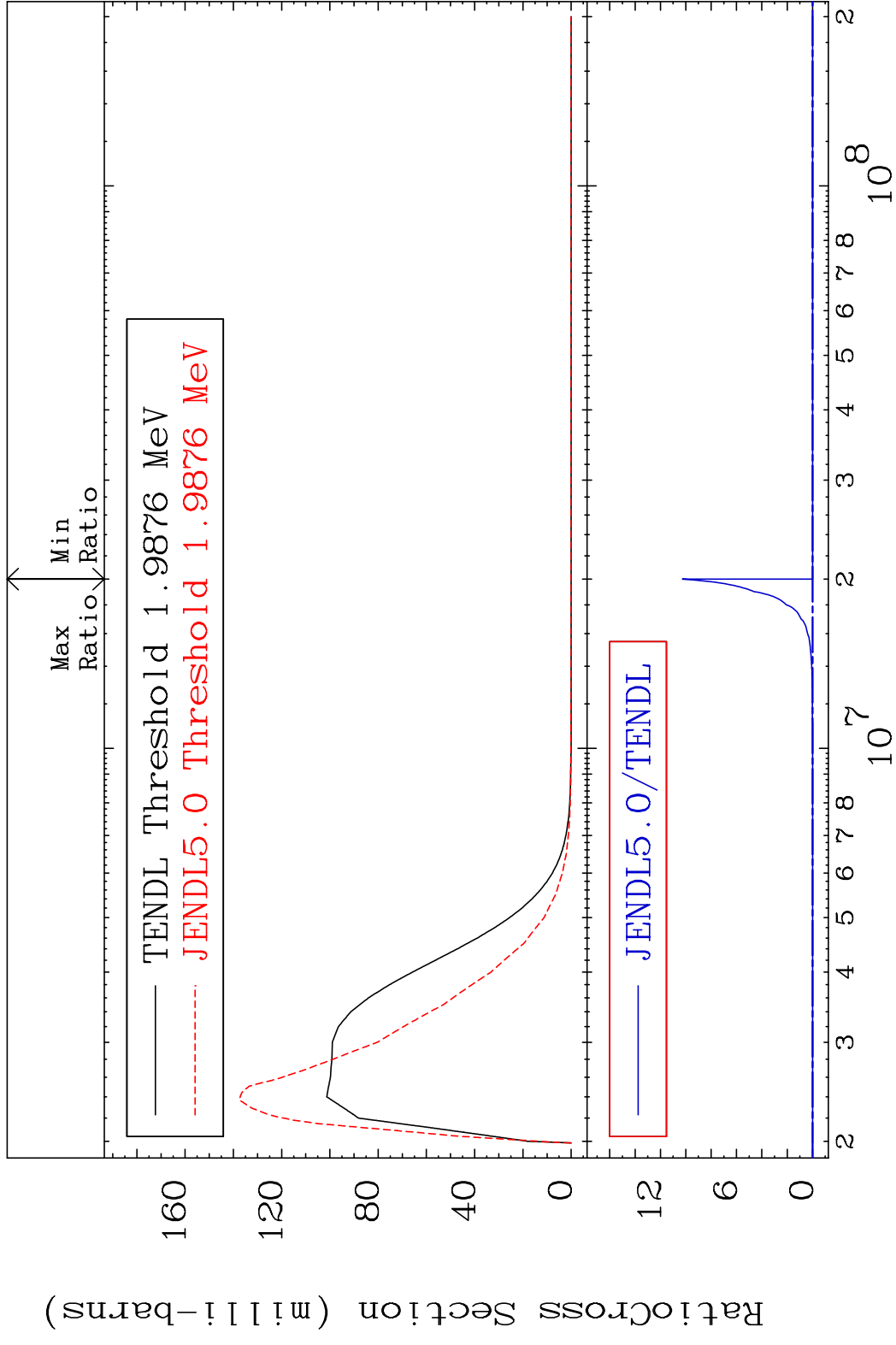
MAT 5249 MT= 54 (n, n') Level 52-Te-128
 Cross Section -100.0 To 510.7 %



MAT 5249 MT= 55 (n, n') Level 52-Te-128
 Cross Section -100.0 To 9999. %

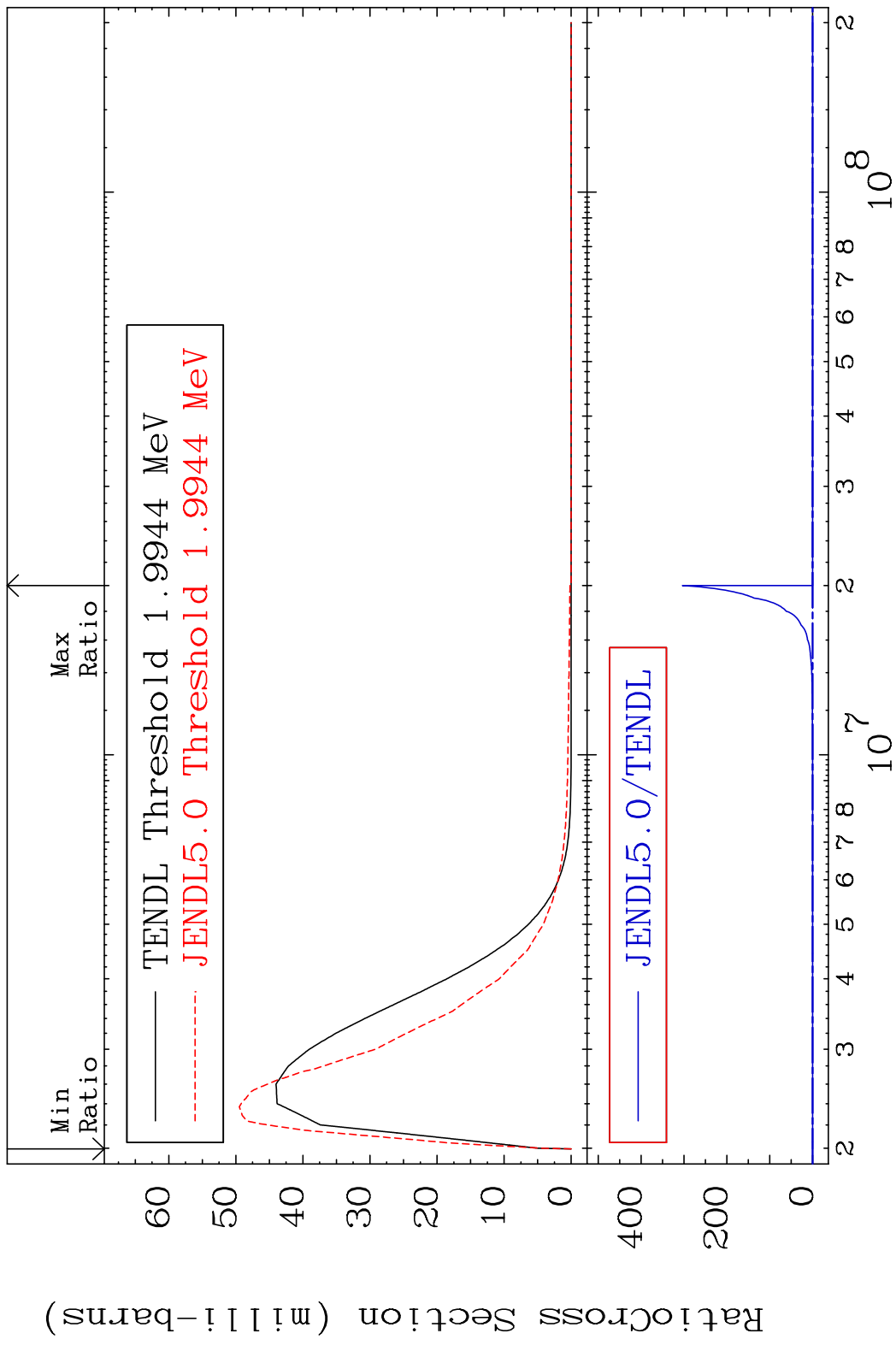


MAT 5249 MT= 56 (n, n') Level 52-Te-128
 Cross Section -100.0 To 9999. %

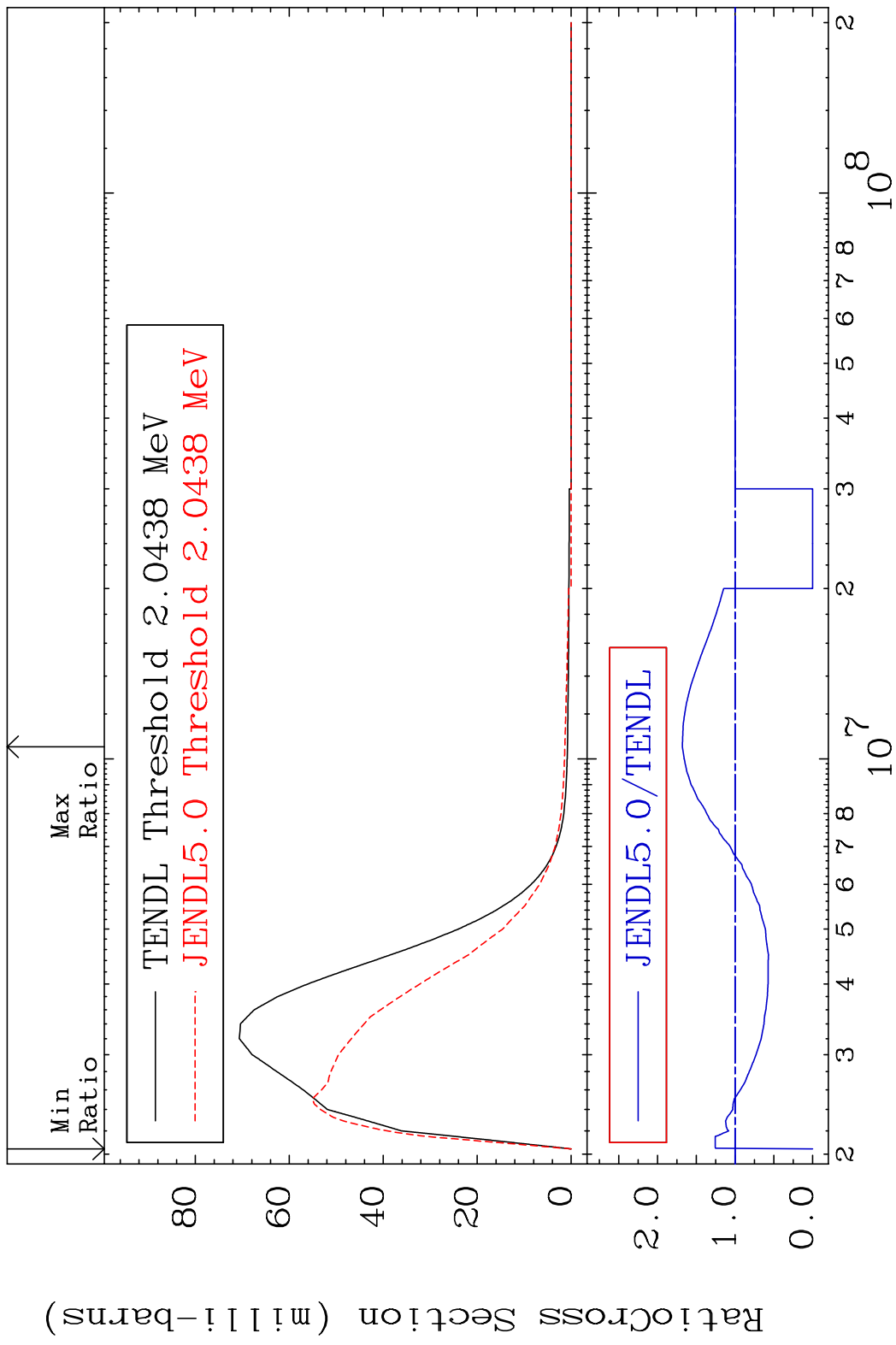


16 Incident Energy (eV) 52-Te-128

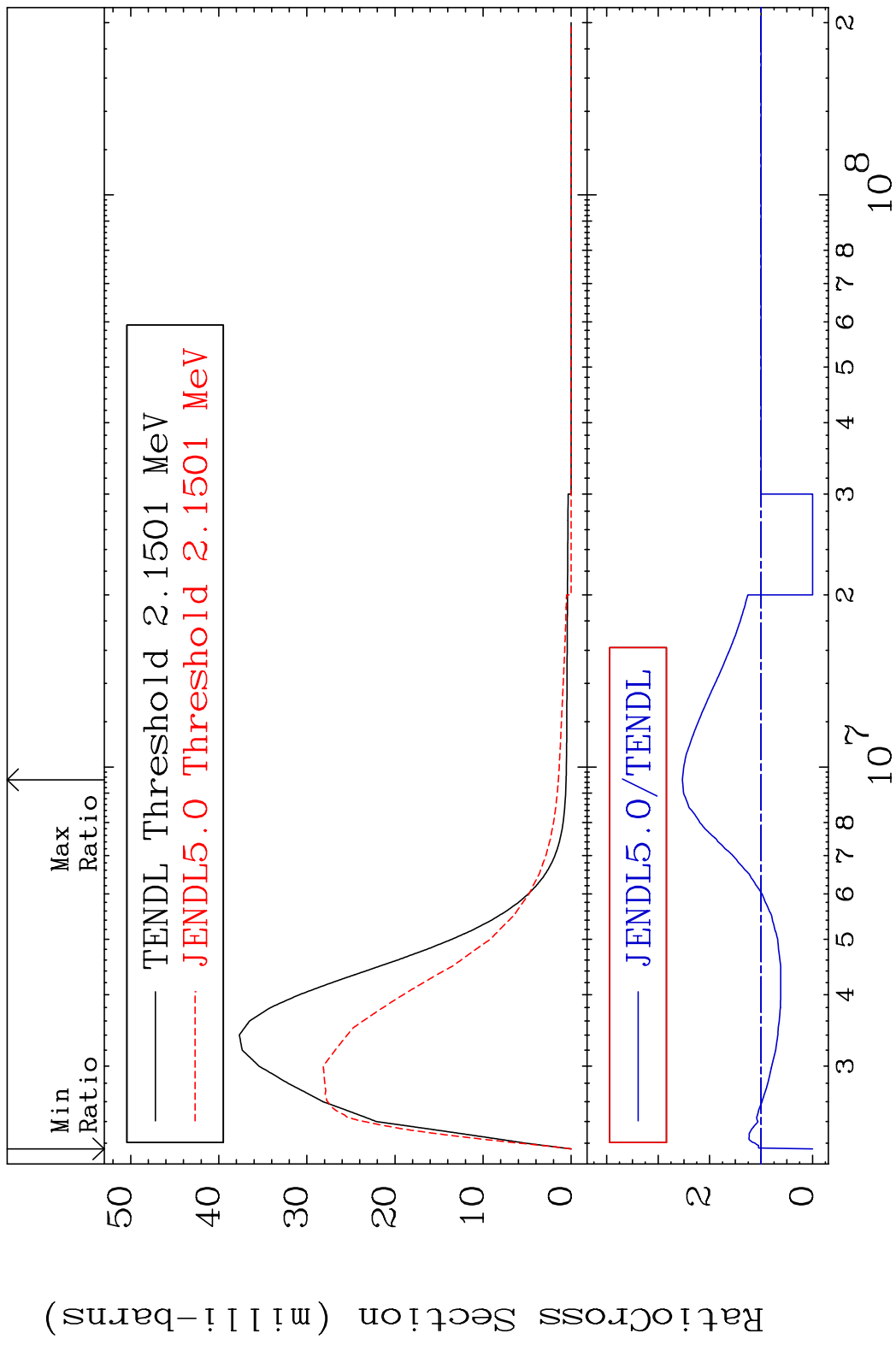
MAT 5249 MT= 57 (n, n') Level 52-Te-128
 Cross Section -100.0 To 9999. %



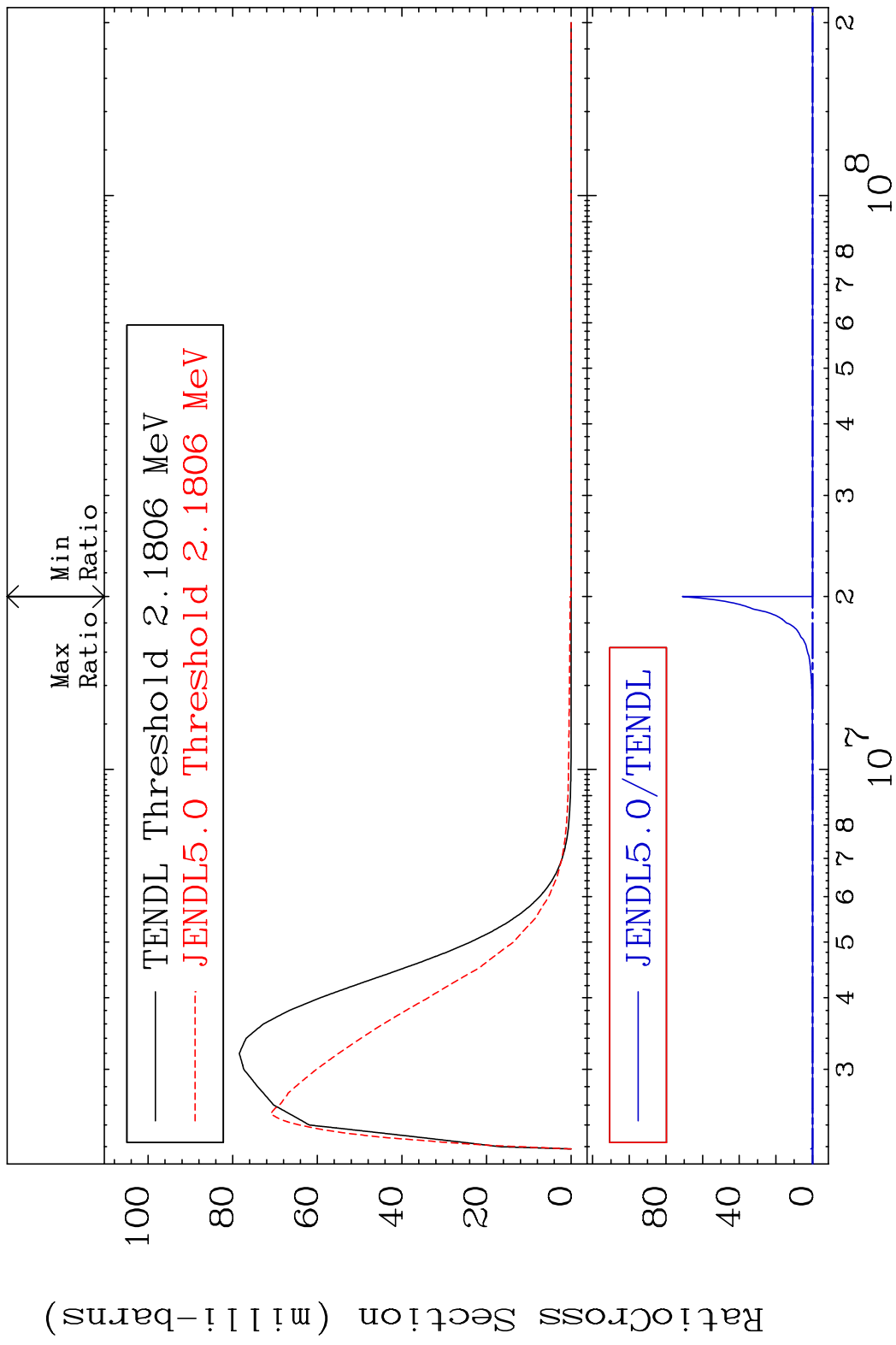
MAT 5249 MT= 58 (n, n') Level 52-Te-128
 Cross Section -100.0 To 67.89 %



MAT 5249 MT= 59 (n, n') Level 52-Te-128
 Cross Section -100.0 To 153.0 %

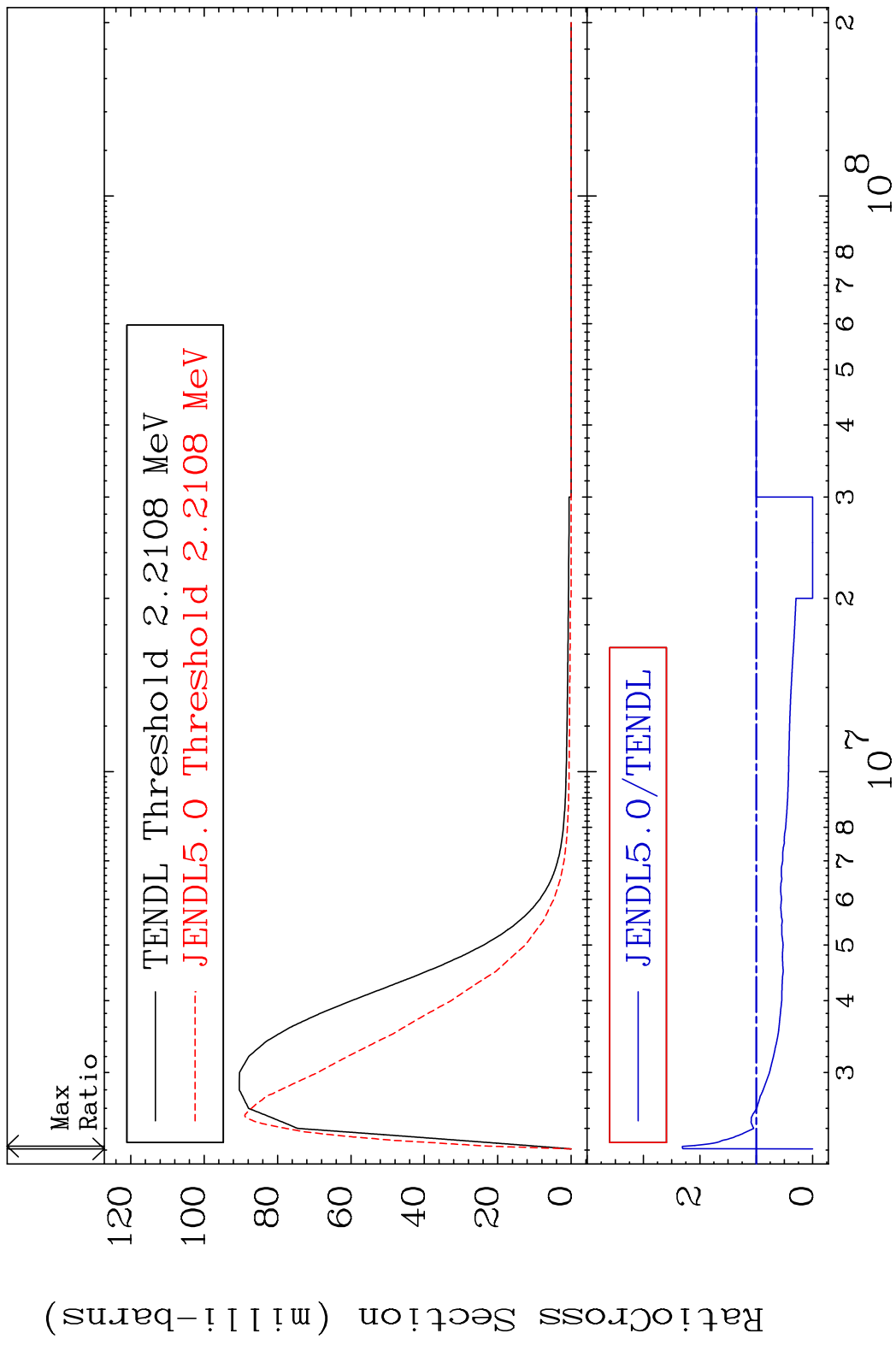


MAT 5249 MT= 60 (n, n') Level 52-Te-128
 Cross Section -100.0 To 9999. %

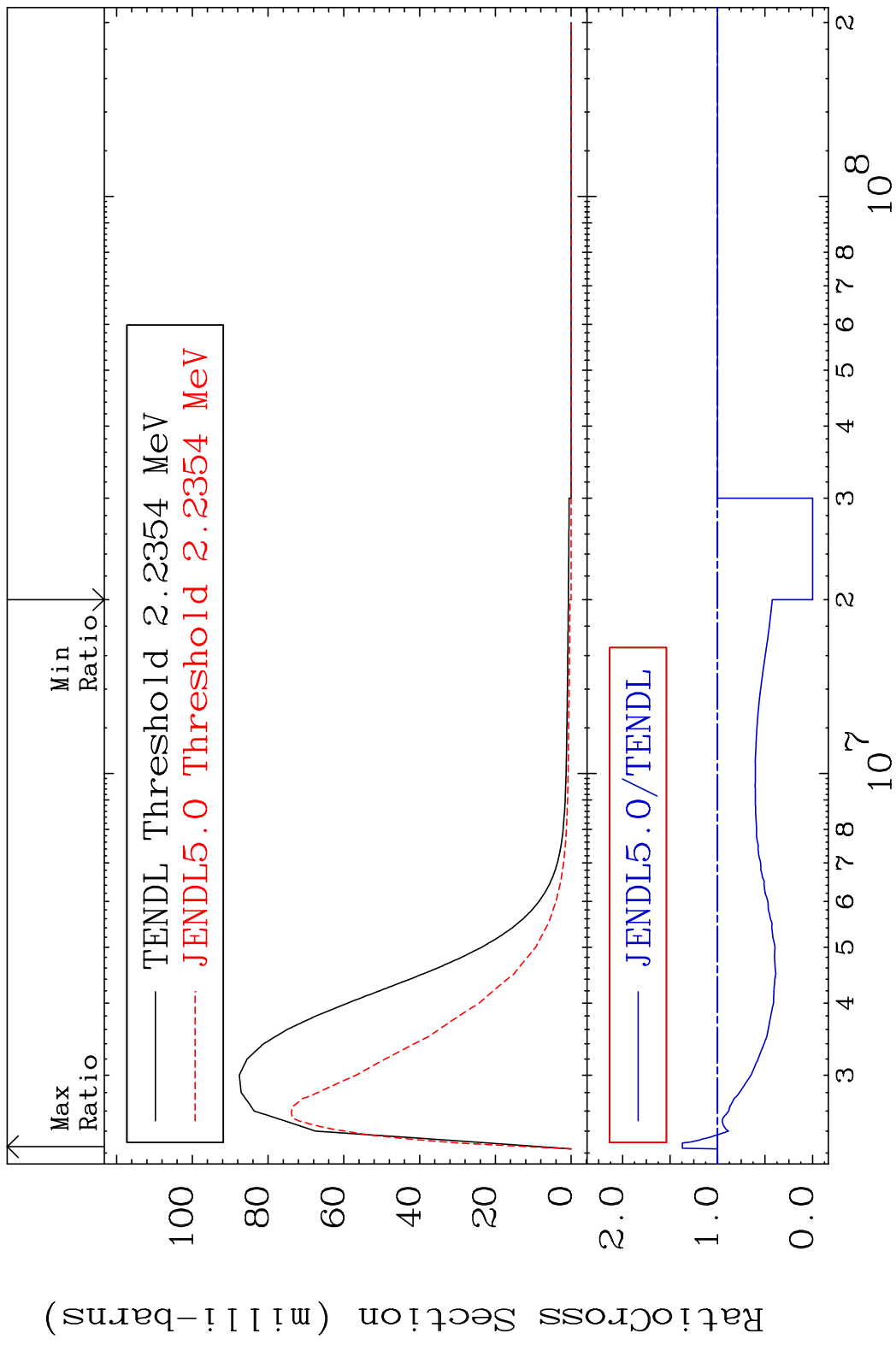


20 52-Te-128

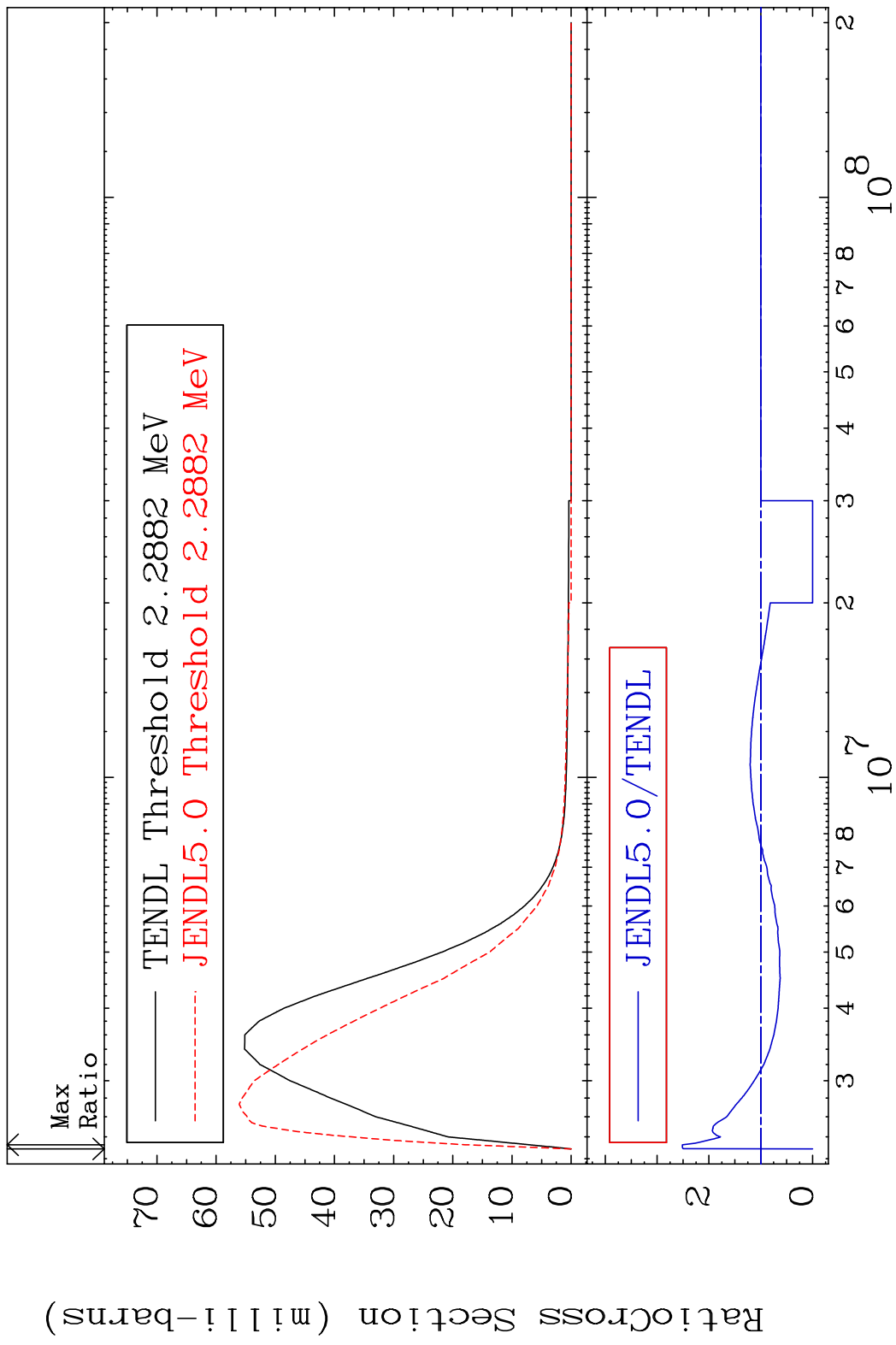
MAT 5249 MT= 61 (n,n') Level 52-Te-128
 Cross Section -100.0 To 131.1 %



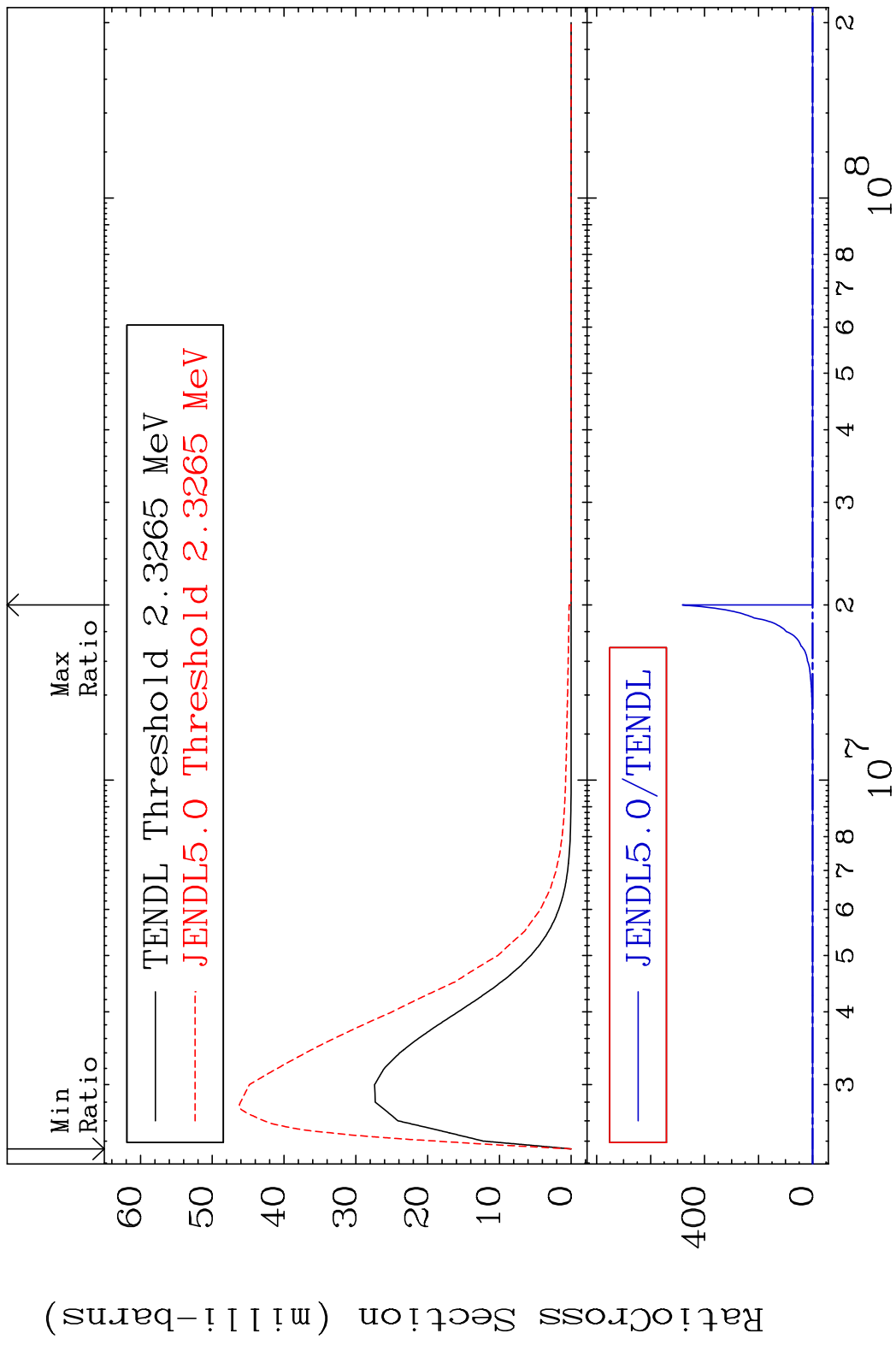
MAT 5249 MT= 62 (n, n') Level 52-Te-128
 Cross Section -100.0 To 37.03 %



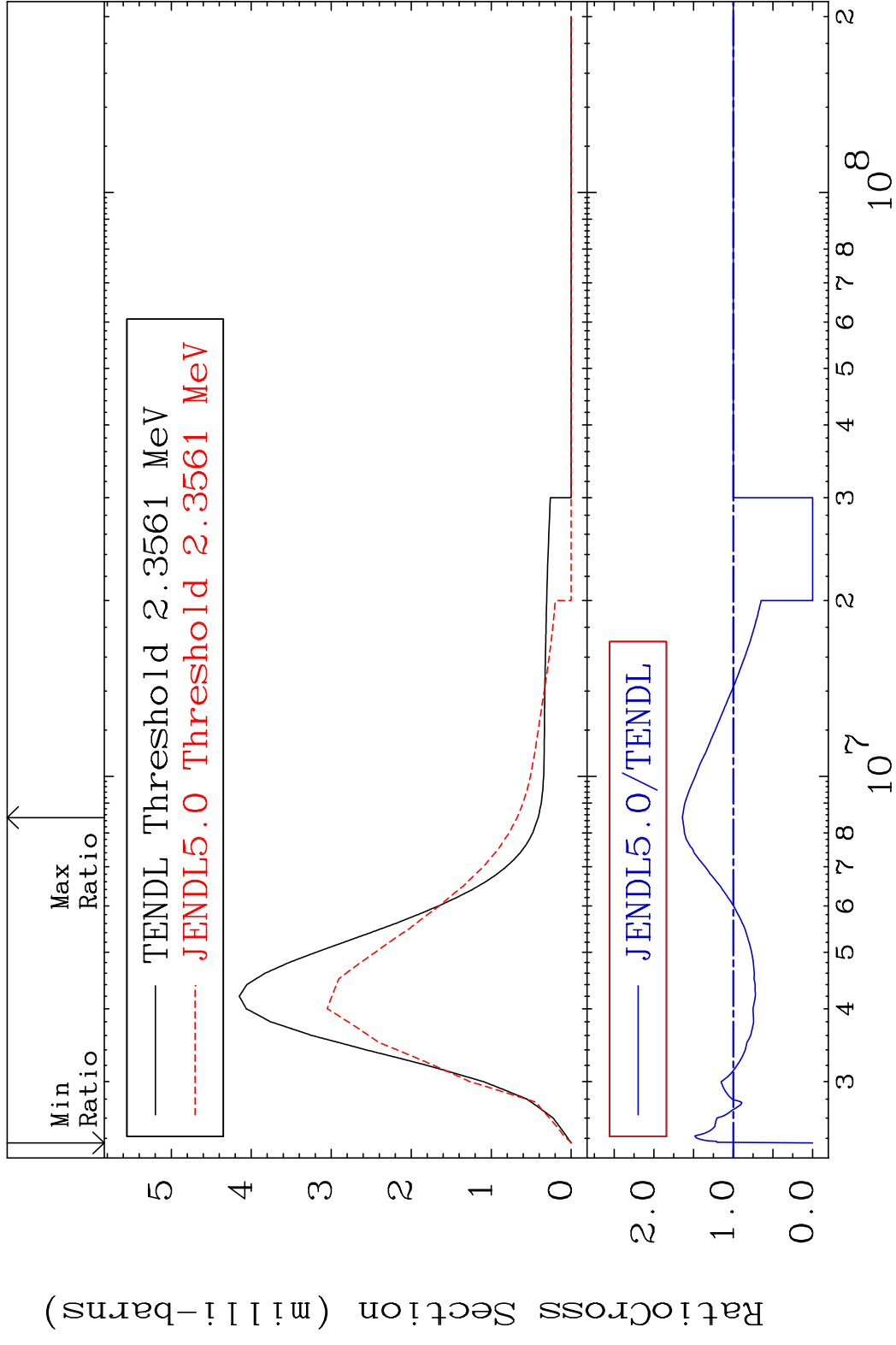
MAT 5249 MT= 63 (n, n') Level 52-Te-128
 Cross Section -100.0 To 151.3 %



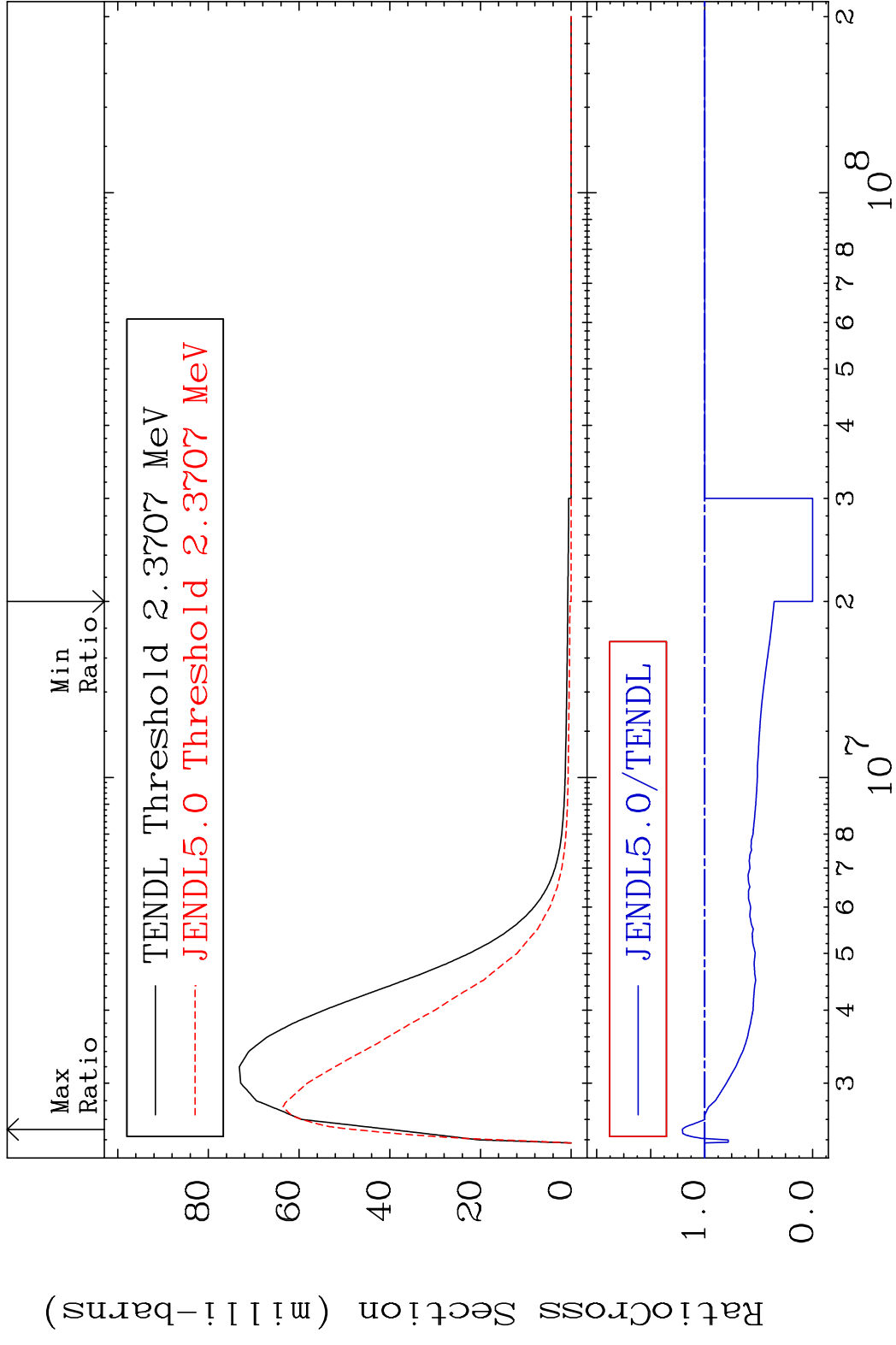
MAT 5249 MT= 64 (n, n') Level 52-Te-128
 Cross Section -100.0 To 9999. %



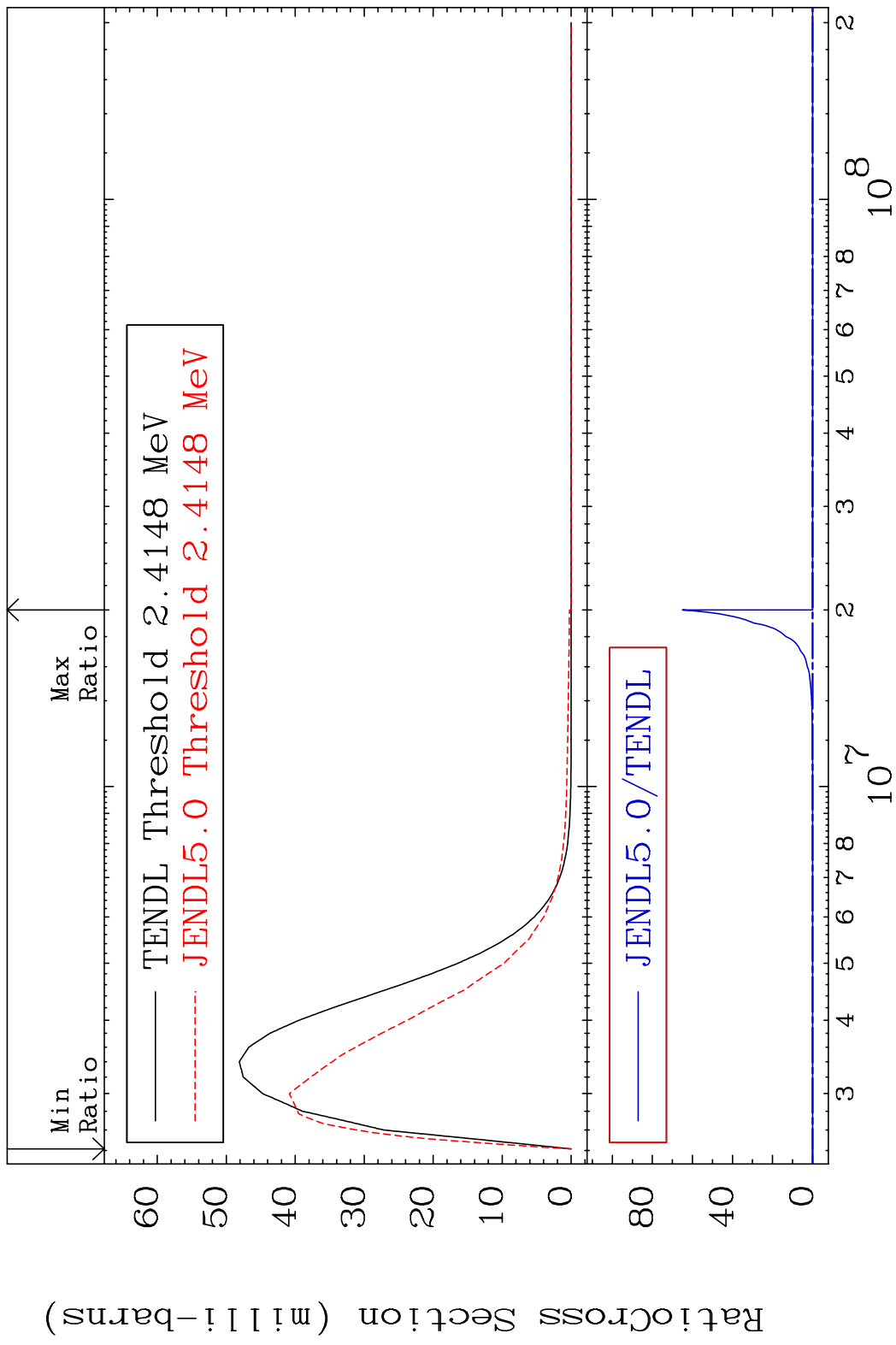
MAT 5249 MT= 65 (n,n') Level 52-Te-128
 Cross Section -100.0 To 64.10 %



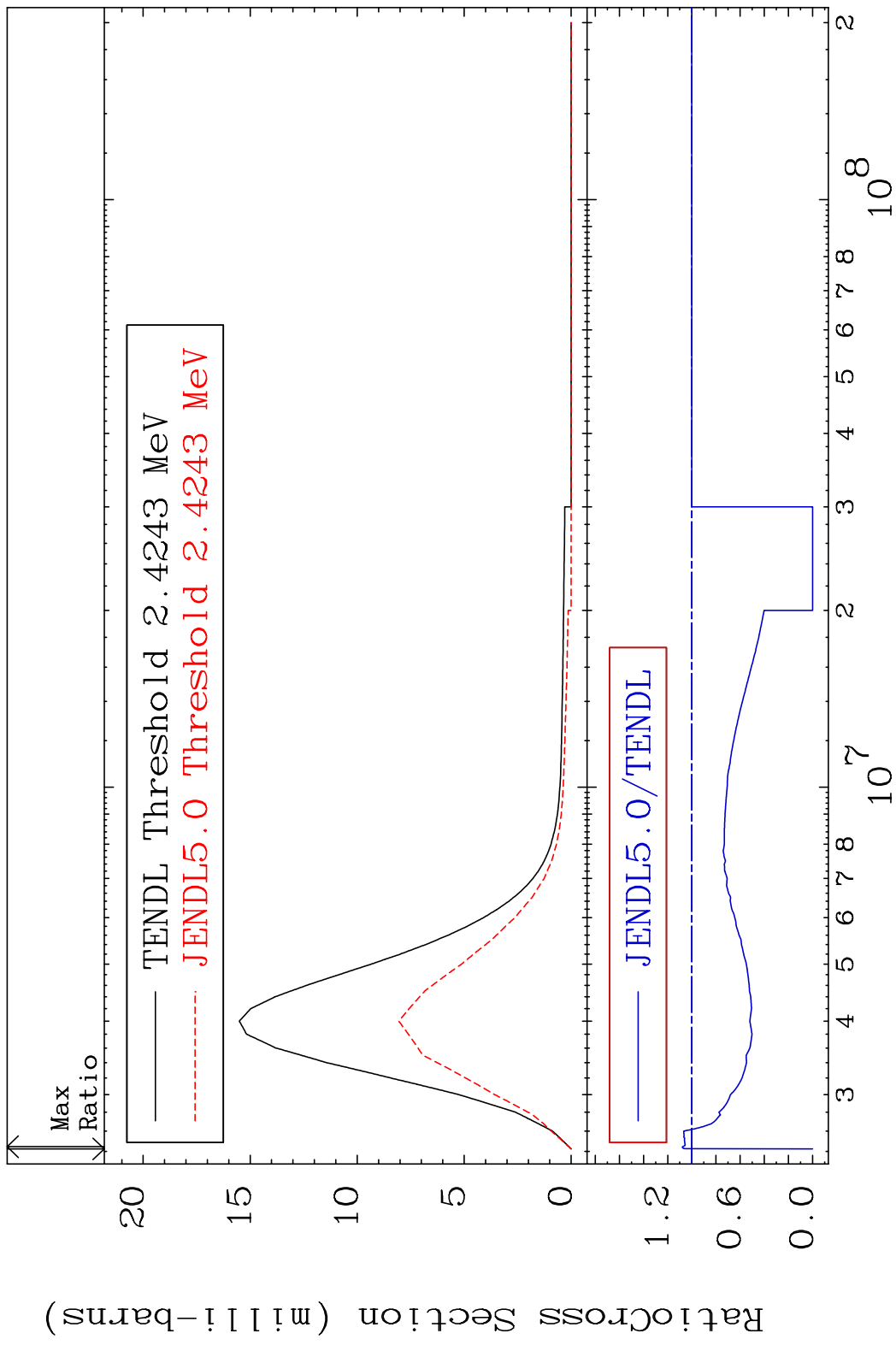
MAT 5249 MT= 66 (n,n') Level 52-Te-128
 Cross Section -100.0 To 20.64 %



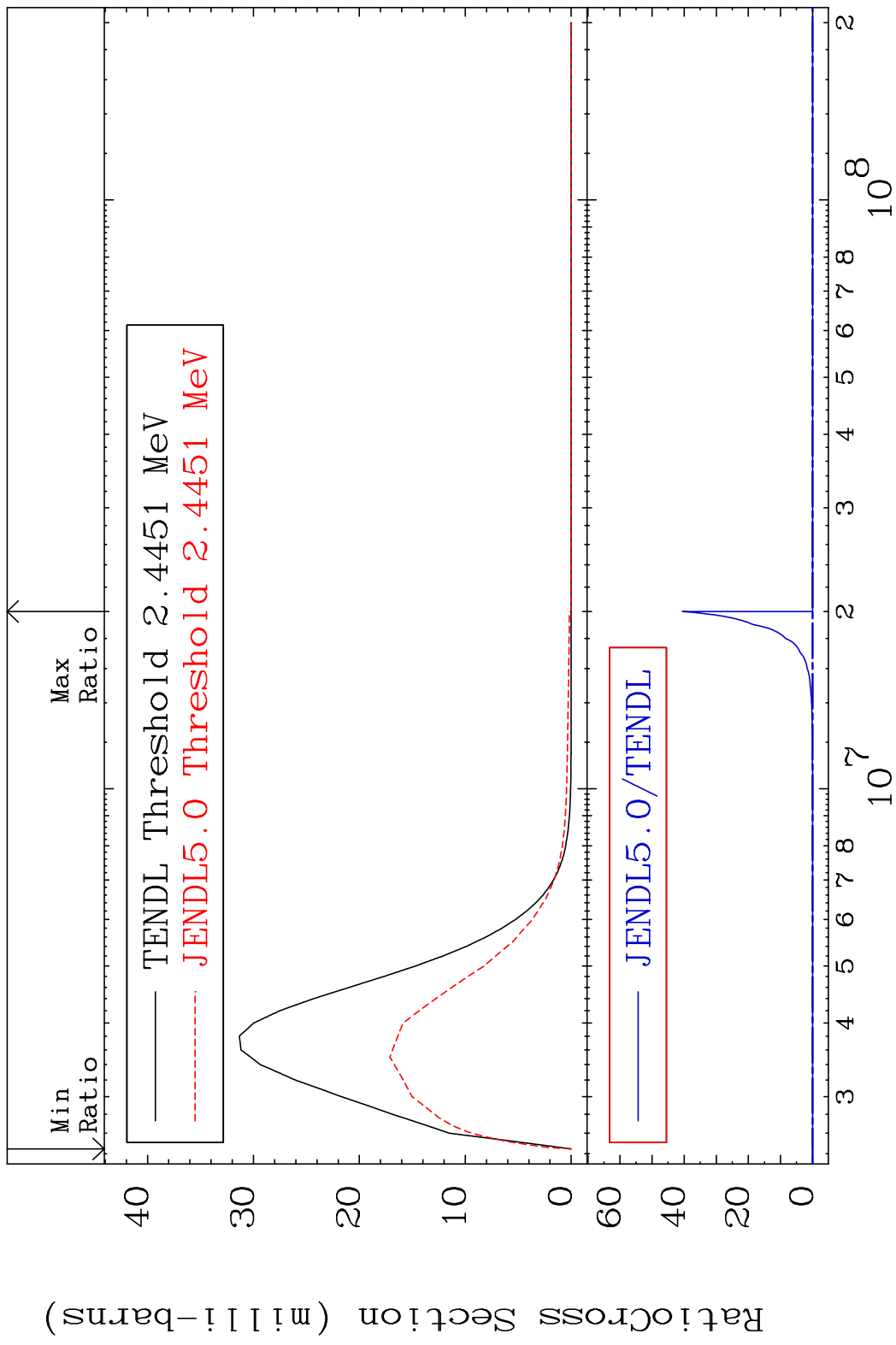
MAT 5249 MT= 67 (n, n') Level 52-Te-128
 Cross Section -100.0 To 9999. %



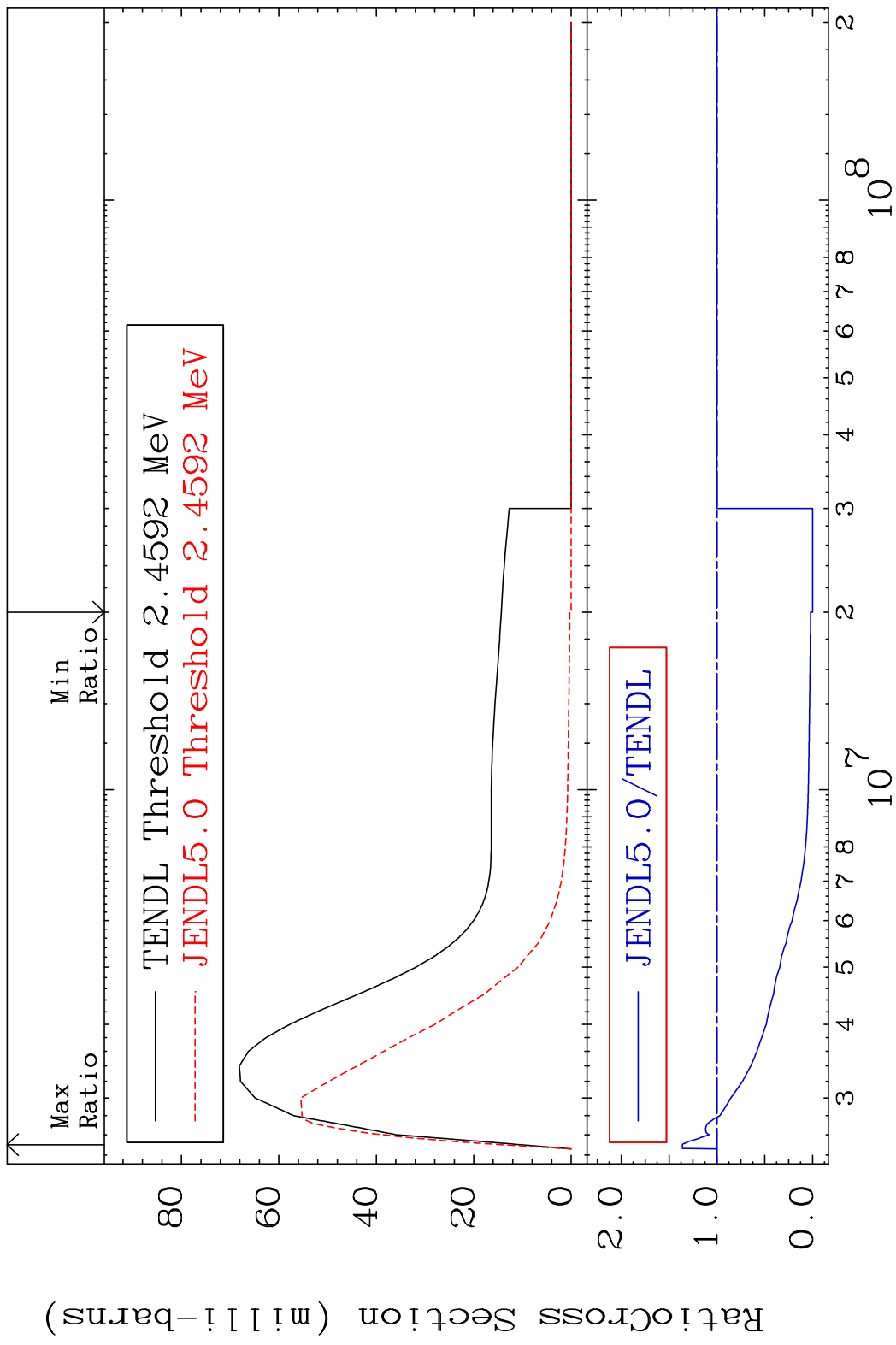
MAT 5249 MT= 68 (n,n') Level 52-Te-128
 Cross Section -100.0 To 7.848 %



MAT 5249 MT= 69 (n, n') Level 52-Te-128
 Cross Section -100.0 To 9999. %

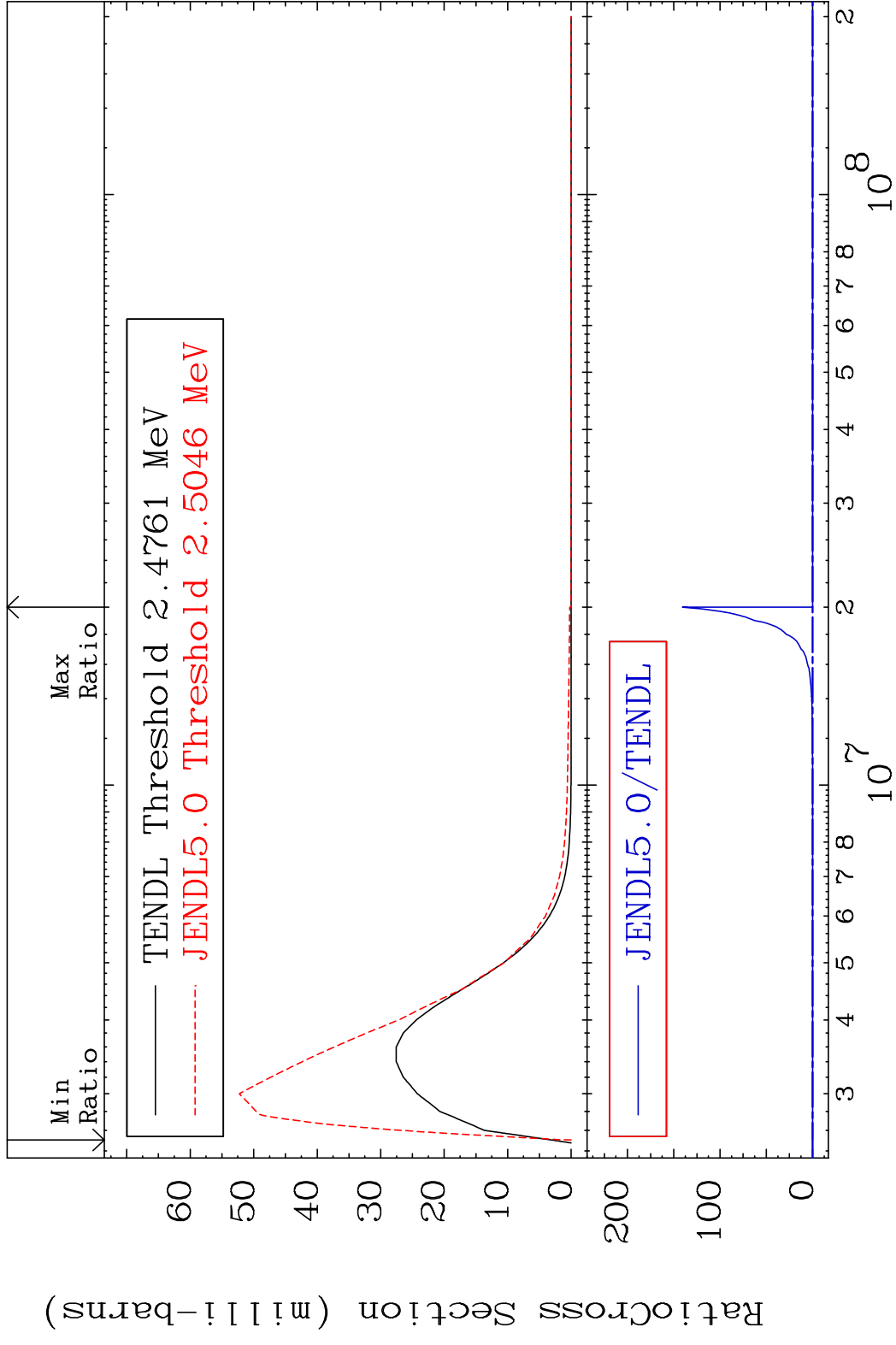


MAT 5249 MT= 70 (n,n') Level 52-Te-128
 Cross Section -100.0 To 36.09 %

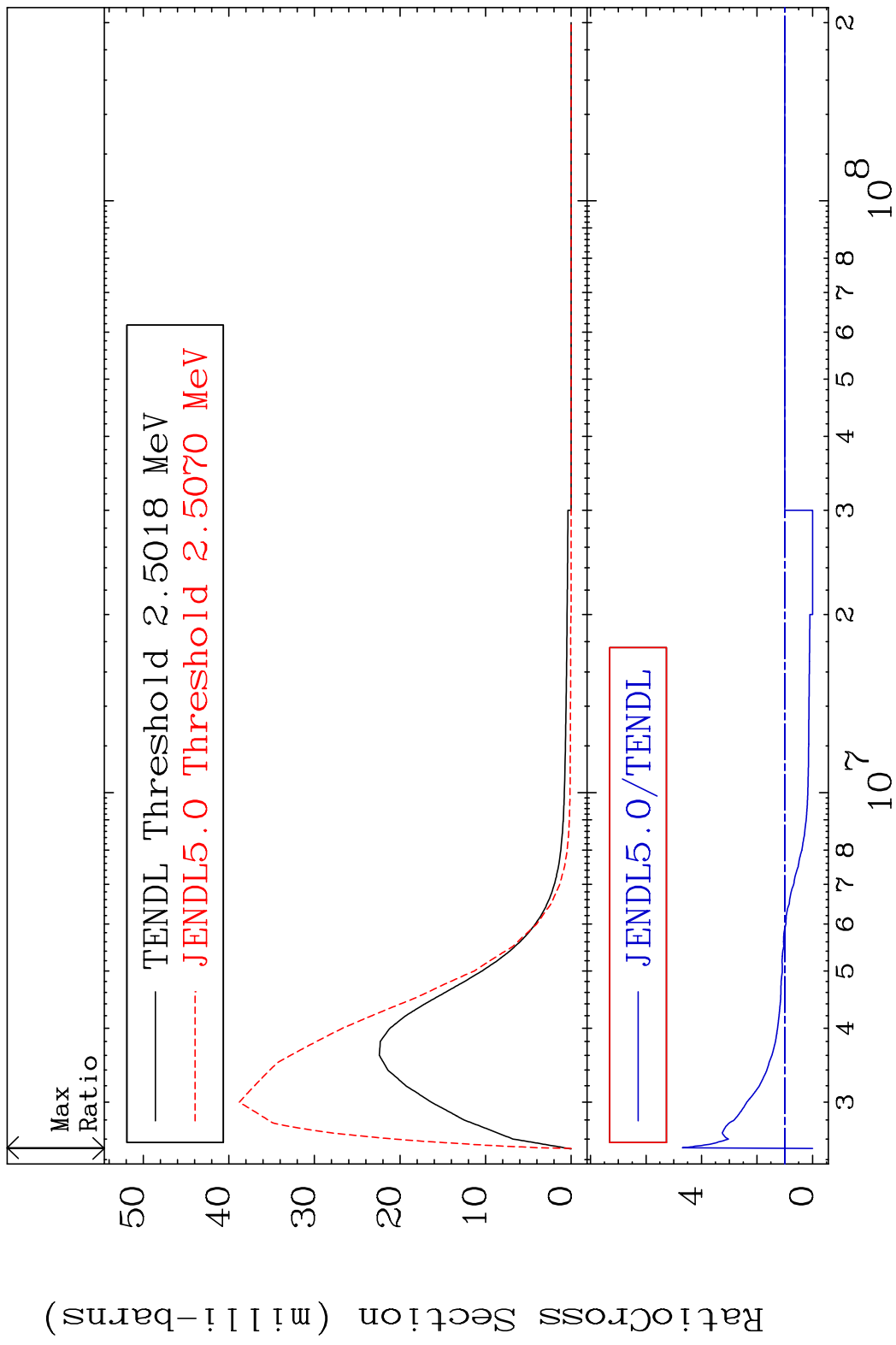


30 52-Te-128

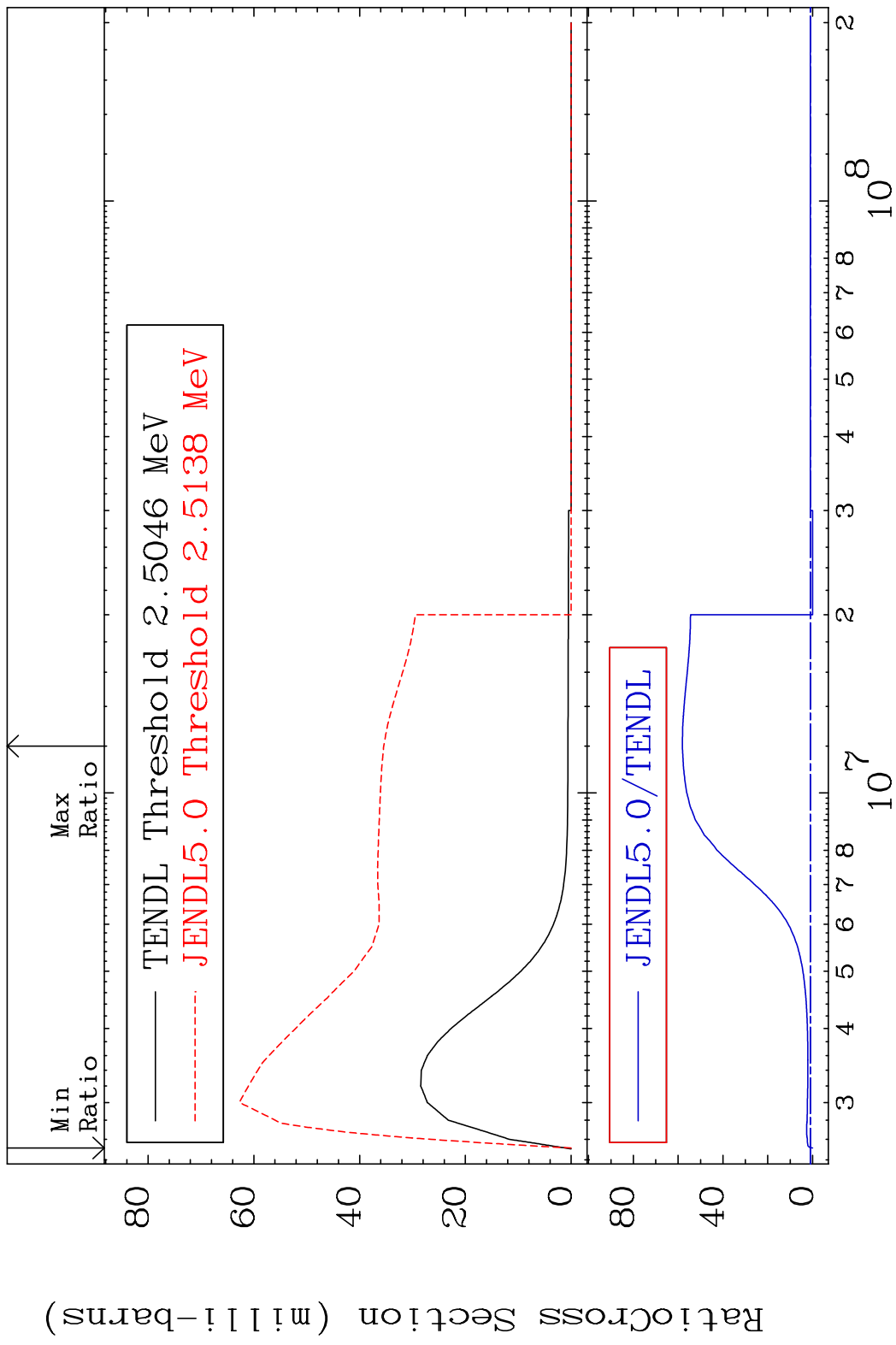
MAT 5249 MT= 71 (n, n') Level 52-Te-128
 Cross Section -100.0 To 9999. %



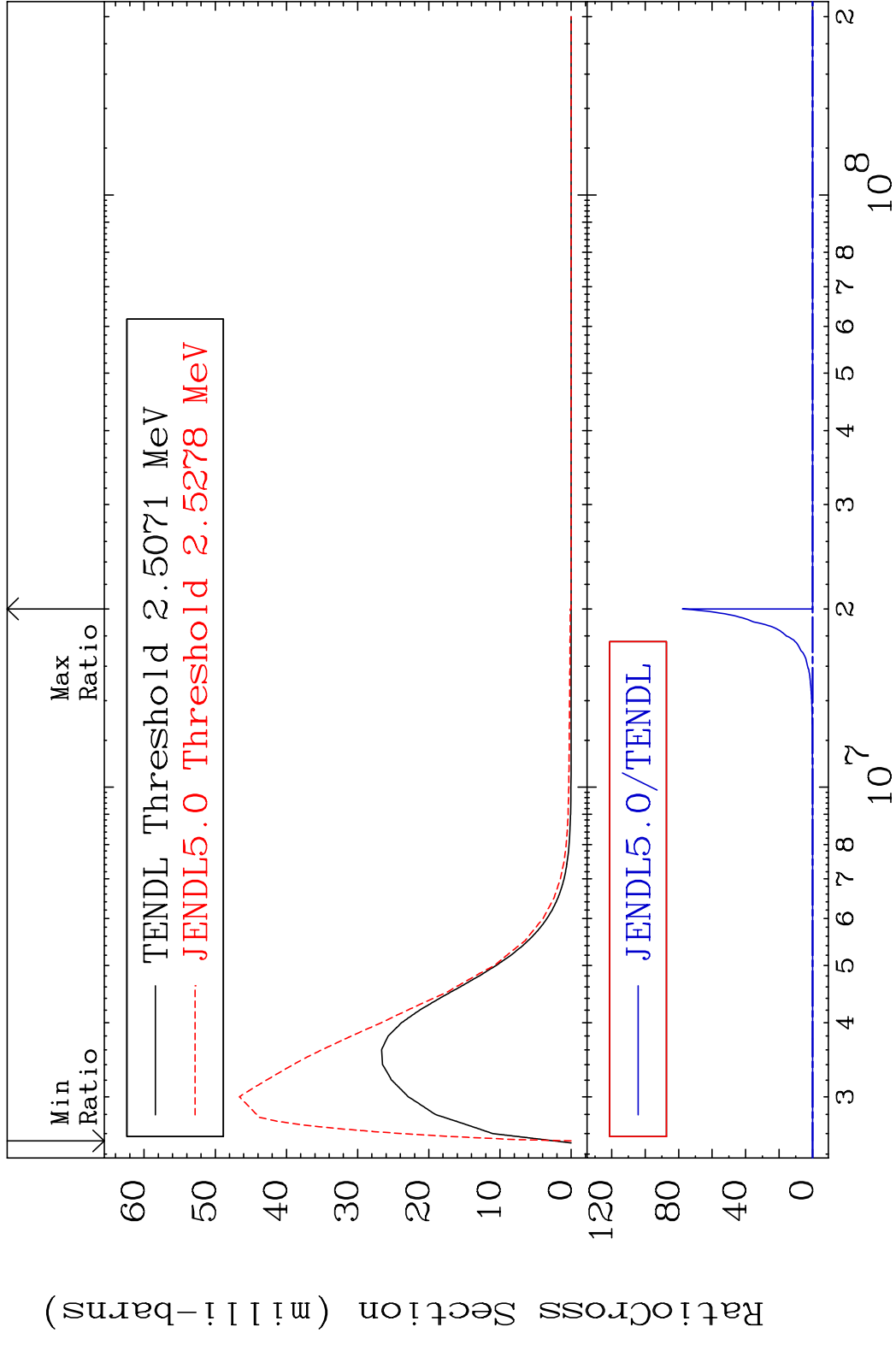
MAT 5249 MT= 72 (n, n') Level 52-Te-128
 Cross Section -100.0 To 369.2 %



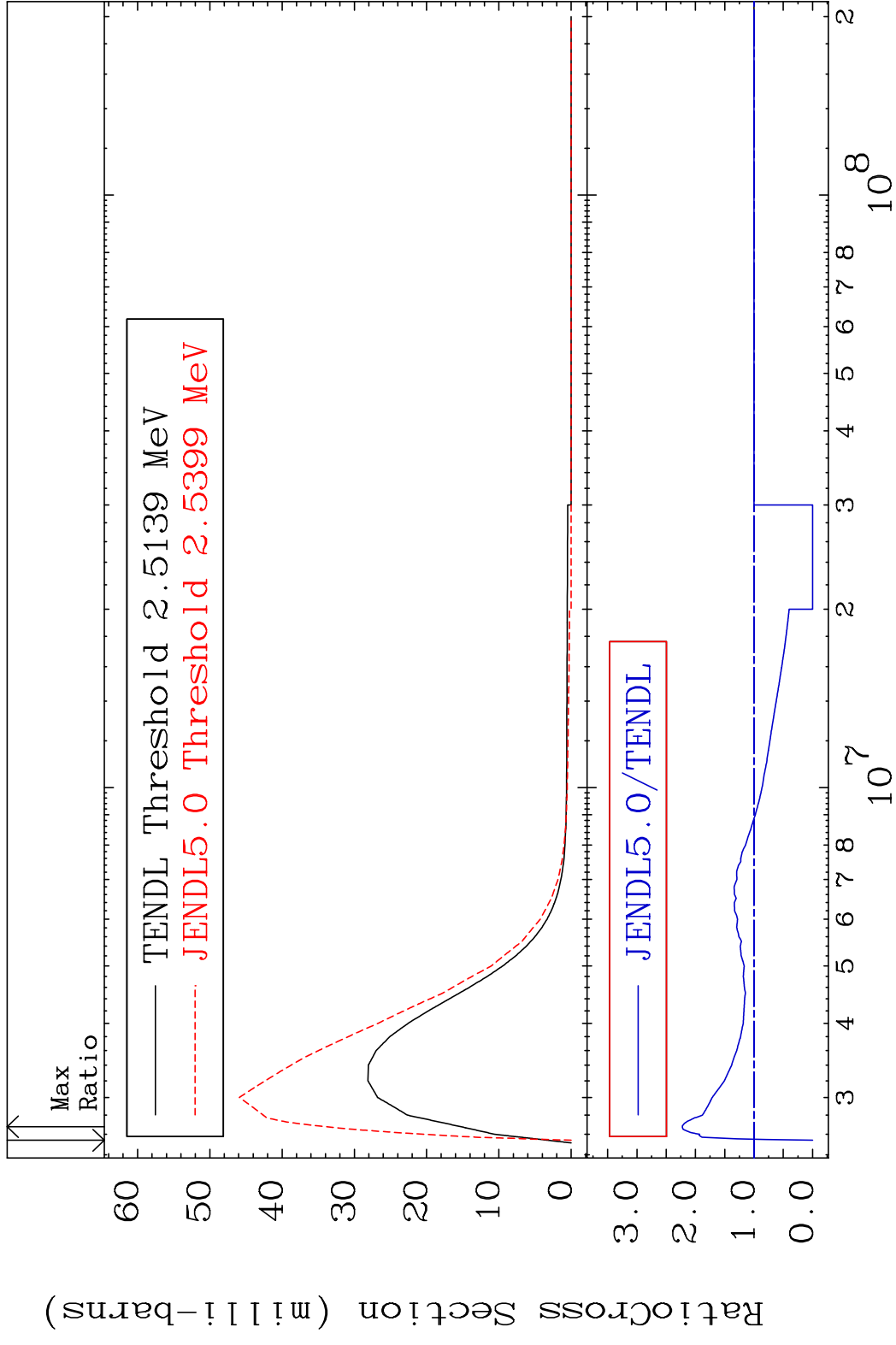
MAT 5249 MT= 73 (n, n') Level 52-Te-128
 Cross Section -100.0 To 5712. %



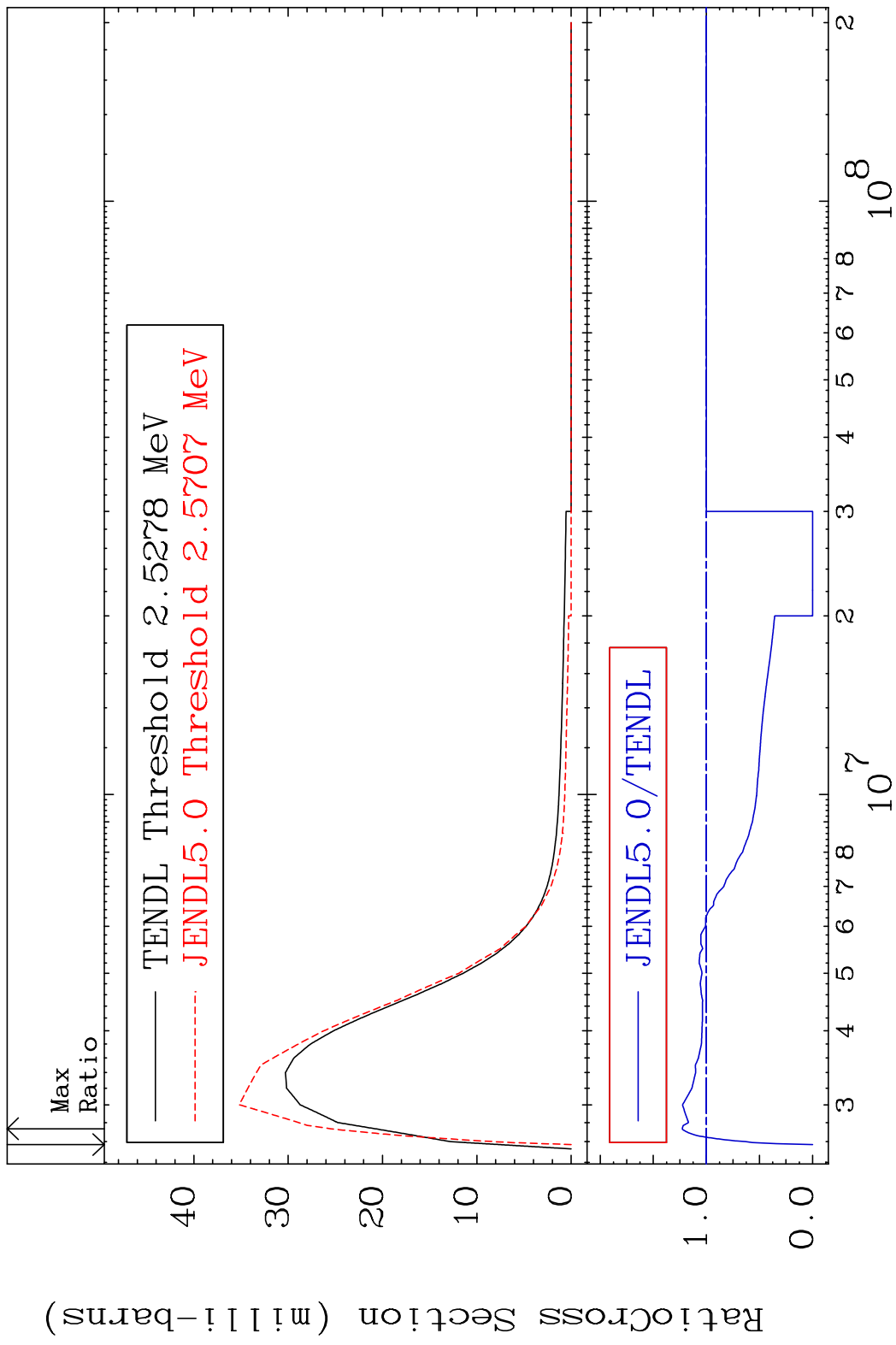
MAT 5249 MT= 74 (n, n') Level 52-Te-128
 Cross Section -100.0 To 9999. %



MAT 5249 MT= 75 (n,n') Level 52-Te-128
 Cross Section -100.0 To 122.4 %

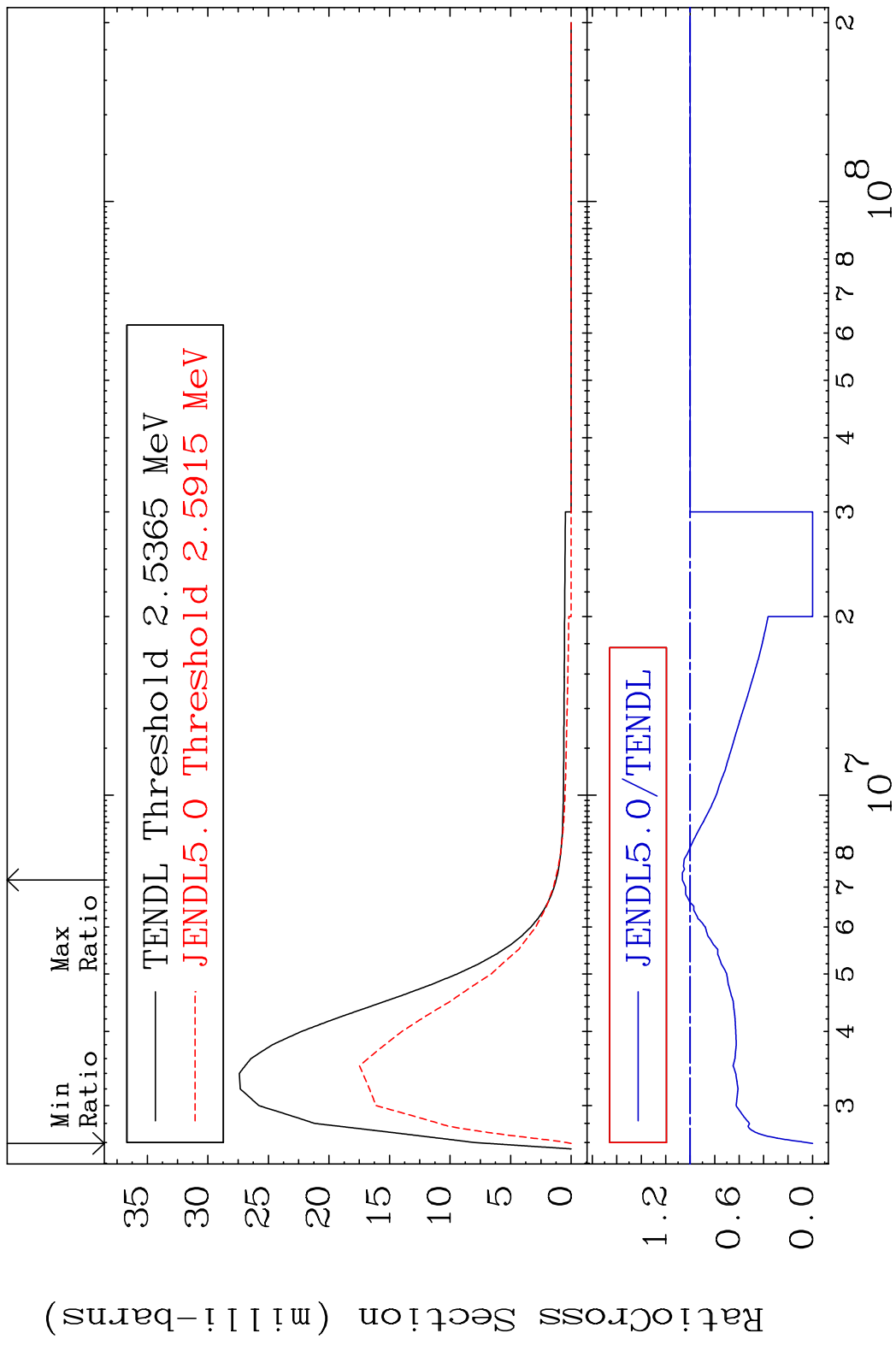


MAT 5249 MT= 76 (n,n') Level 52-Te-128
 Cross Section -100.0 To 22.61 %

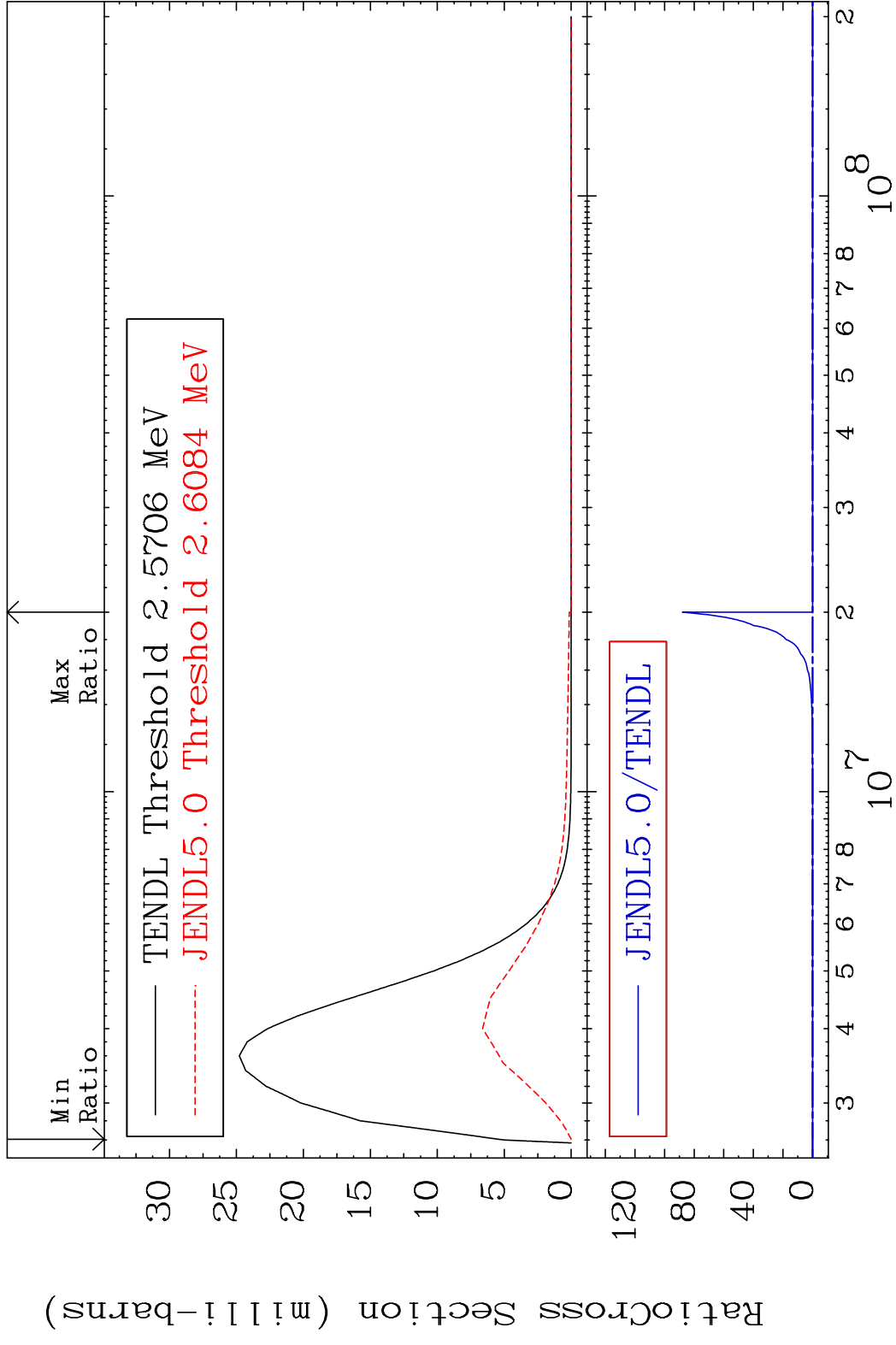


36 Incident Energy (eV) 52-Te-128

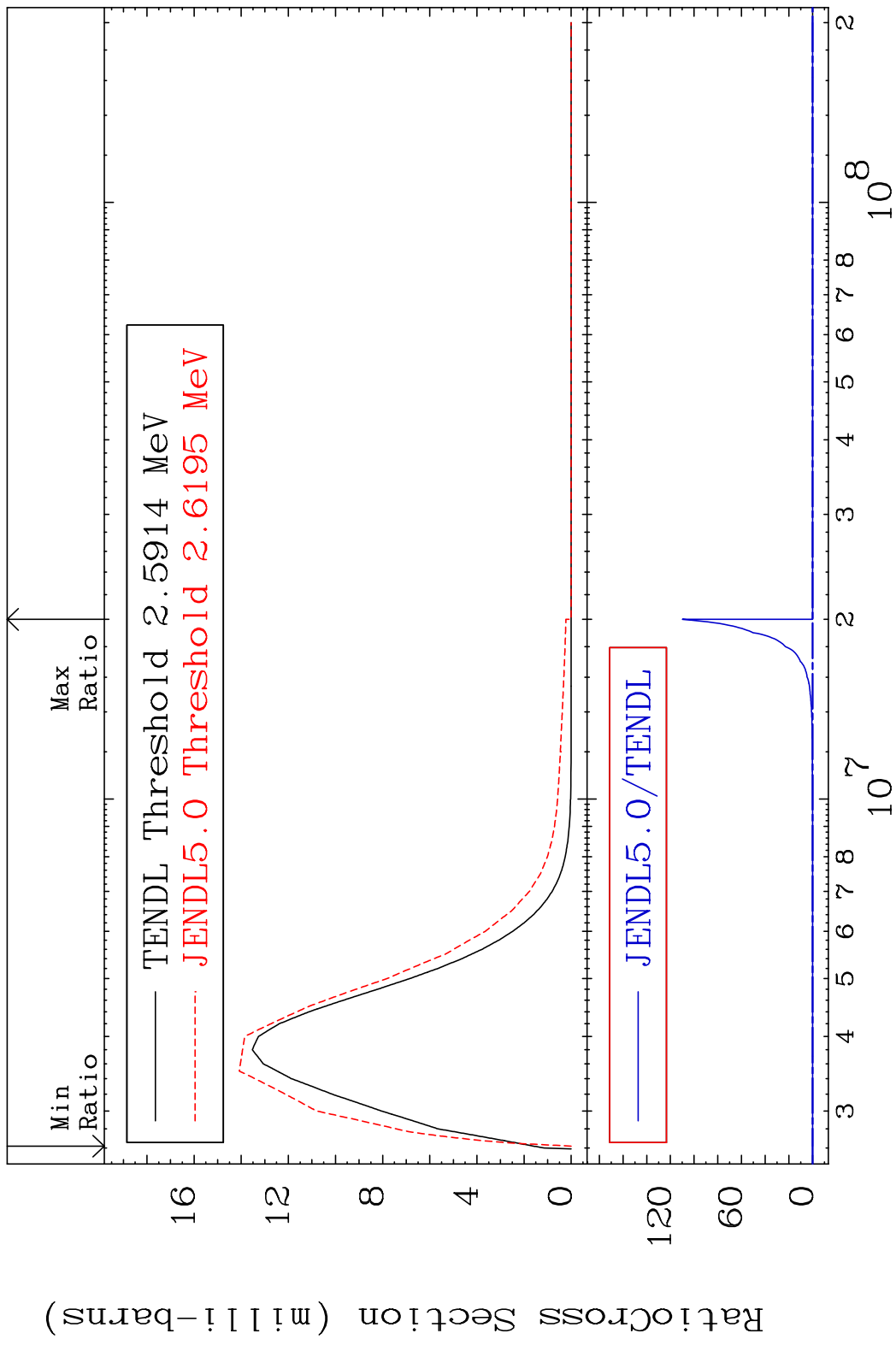
MAT 5249 MT= 77 (n,n') Level 52-Te-128
 Cross Section -100.0 To 6.421 %



MAT 5249 MT= 78 (n, n') Level 52-Te-128
 Cross Section -100.0 To 9999. %

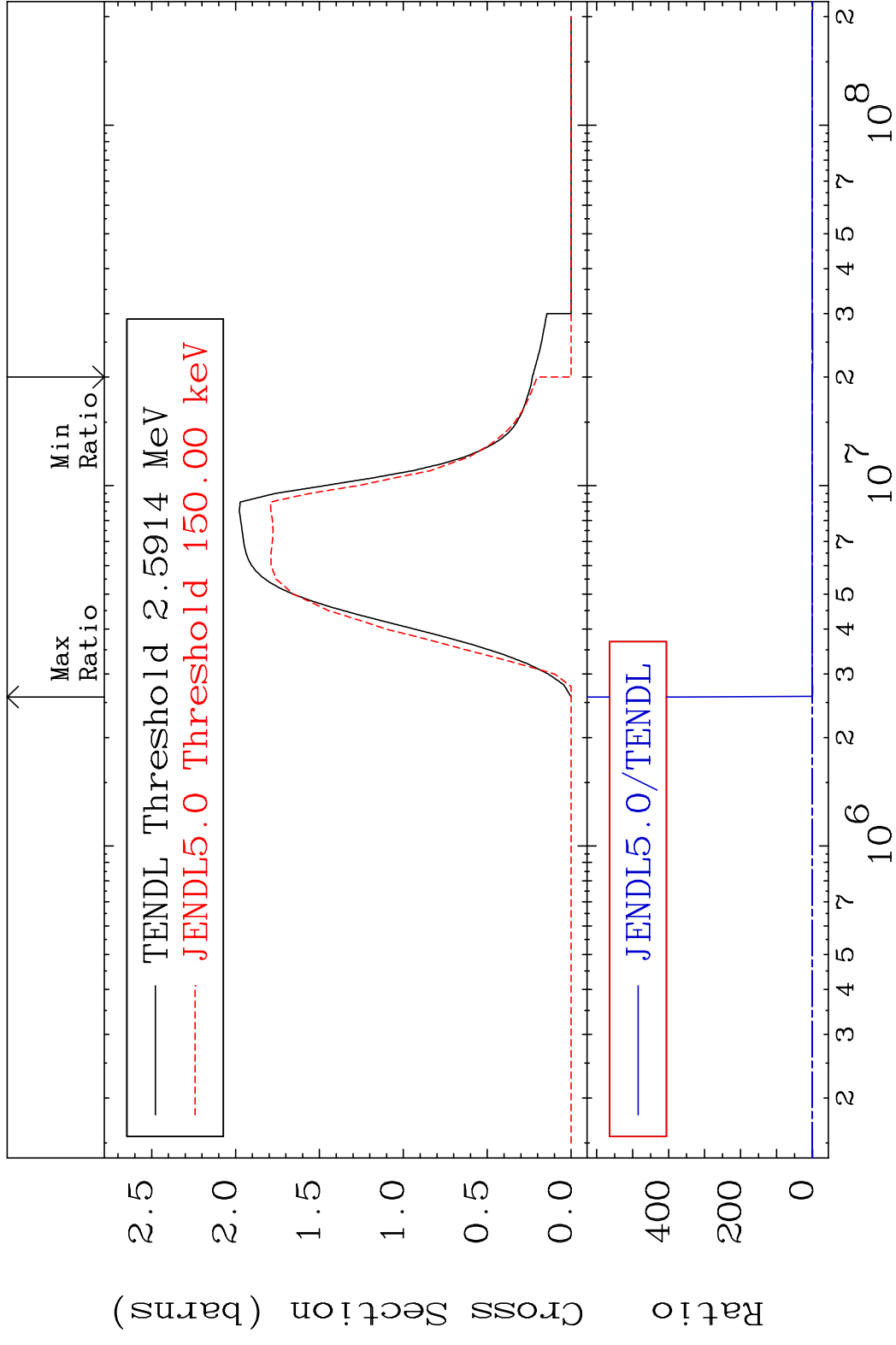


MAT 5249 MT= 79 (n, n') Level 52-Te-128
 Cross Section -100.0 To 9999. %



39 52-Te-128

MAT 5249 (n, n') Continuum 52-Te-128
 Cross Section -100.0 To 9999. %

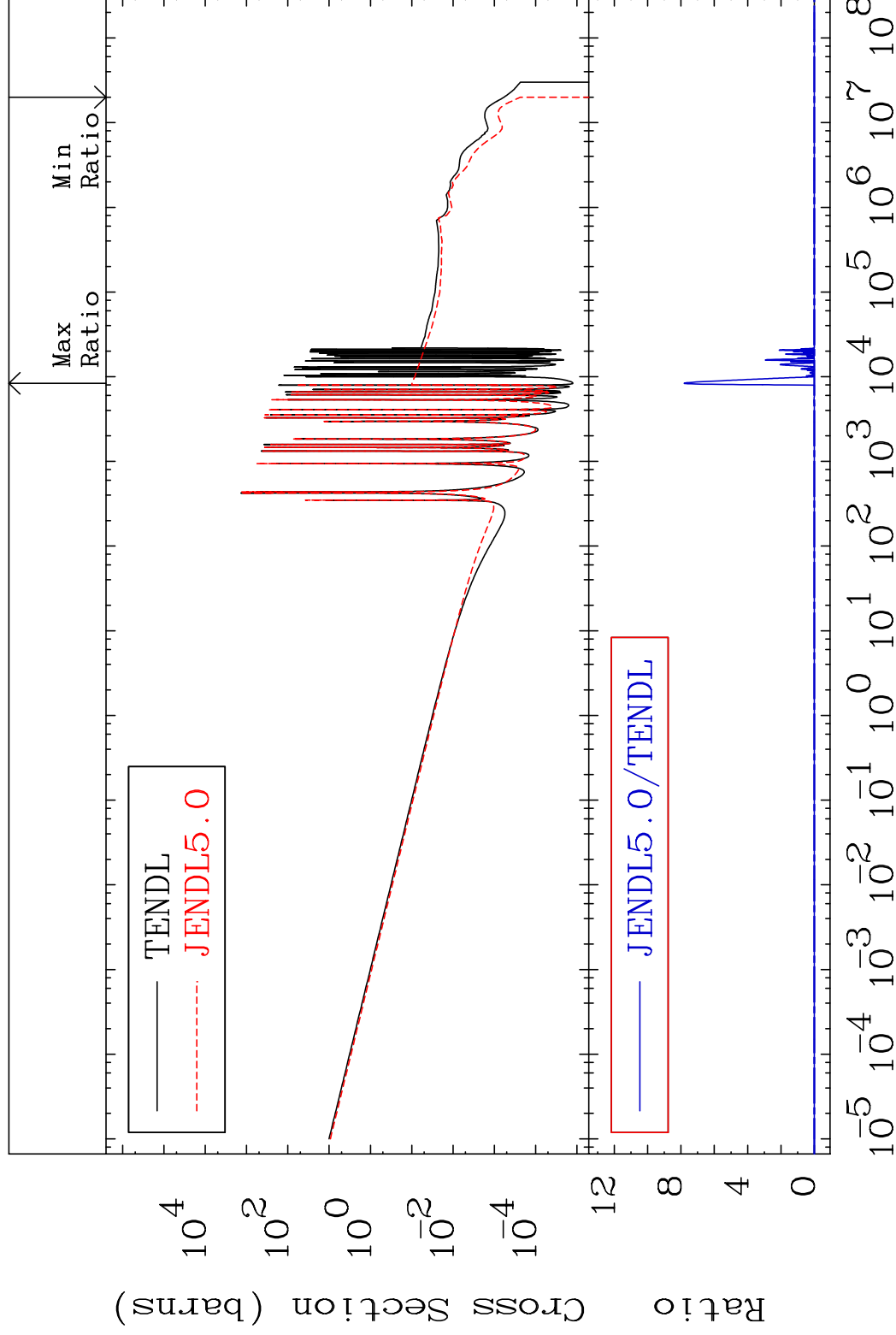


MAT 5249

(n, γ)

52-Te-128

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

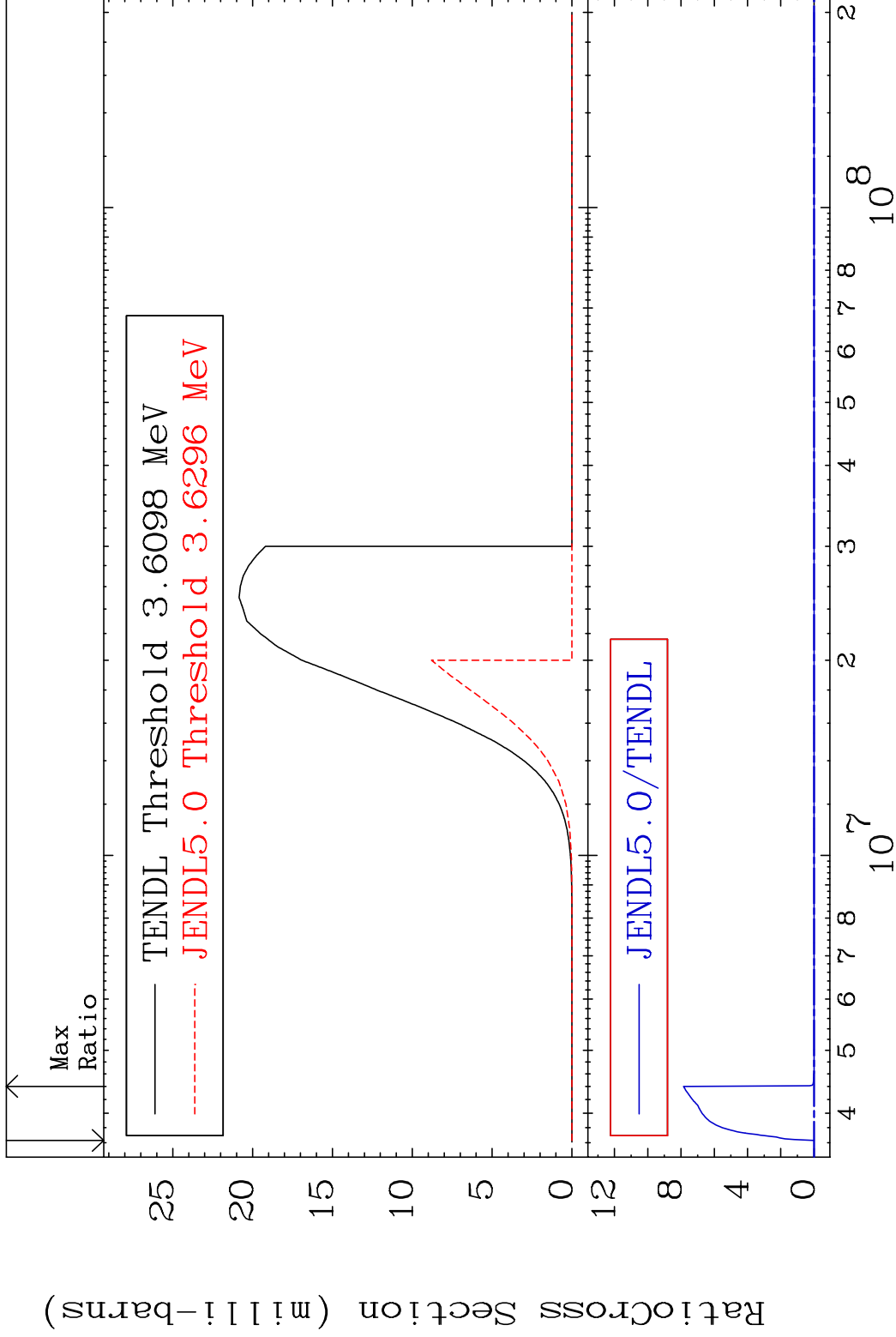
52-Te-128

MAT 5249

(n,p)

52-Te-128

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

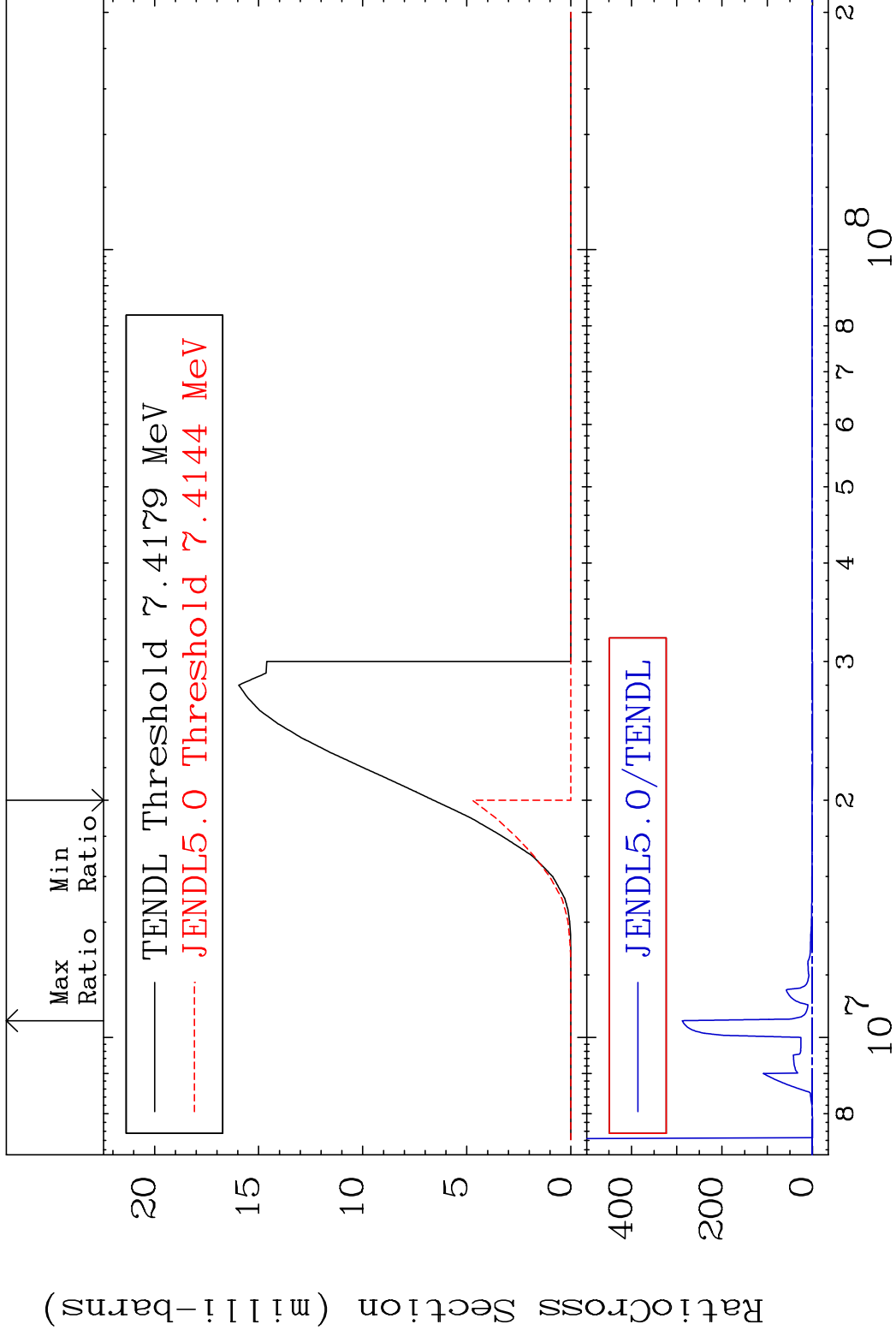
52-Te-128

MAT 5249

(n,d)

52-Te-128

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

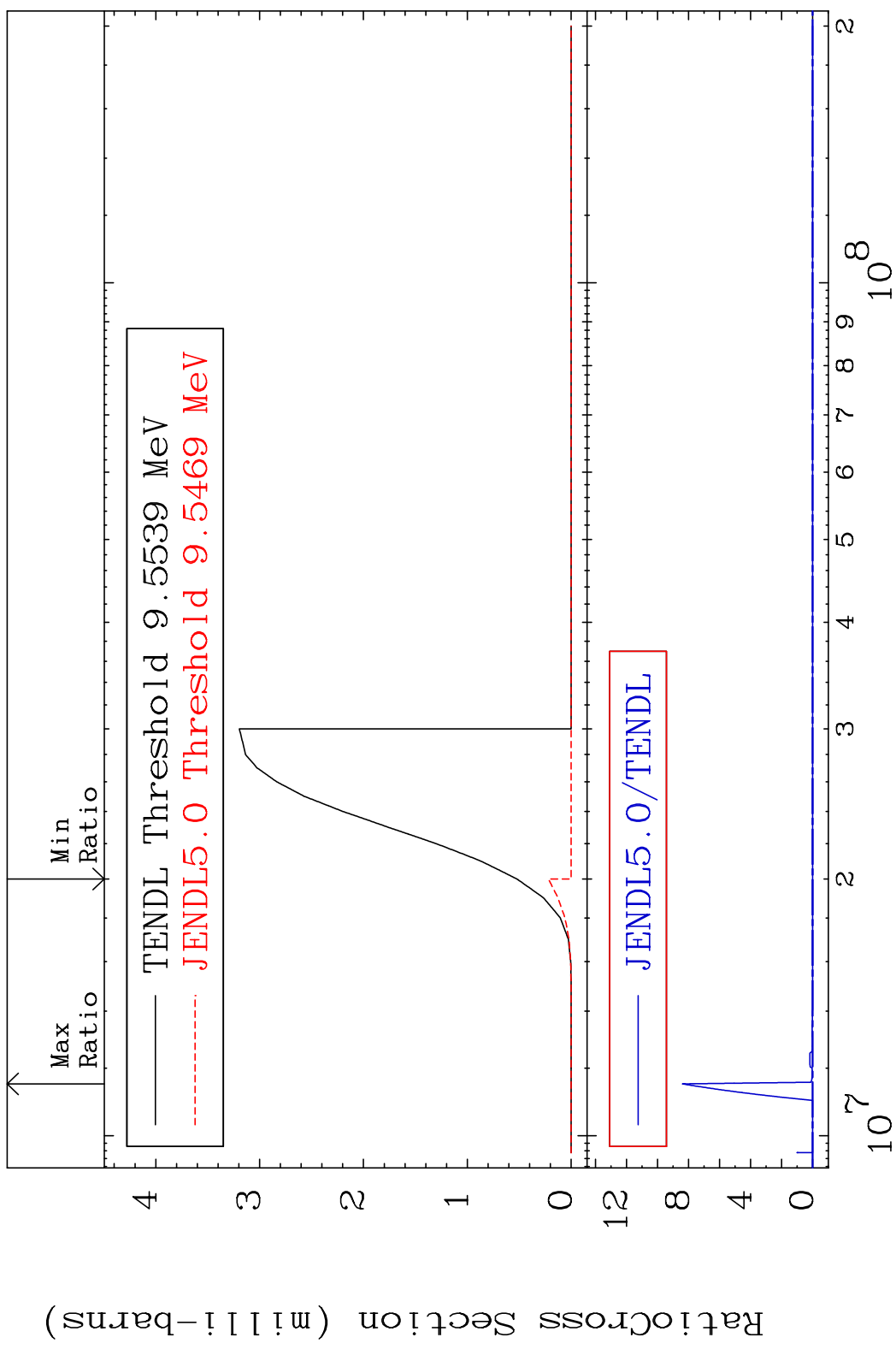
52-Te-128

MAT 5249

(n, t)

52-Te-128

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

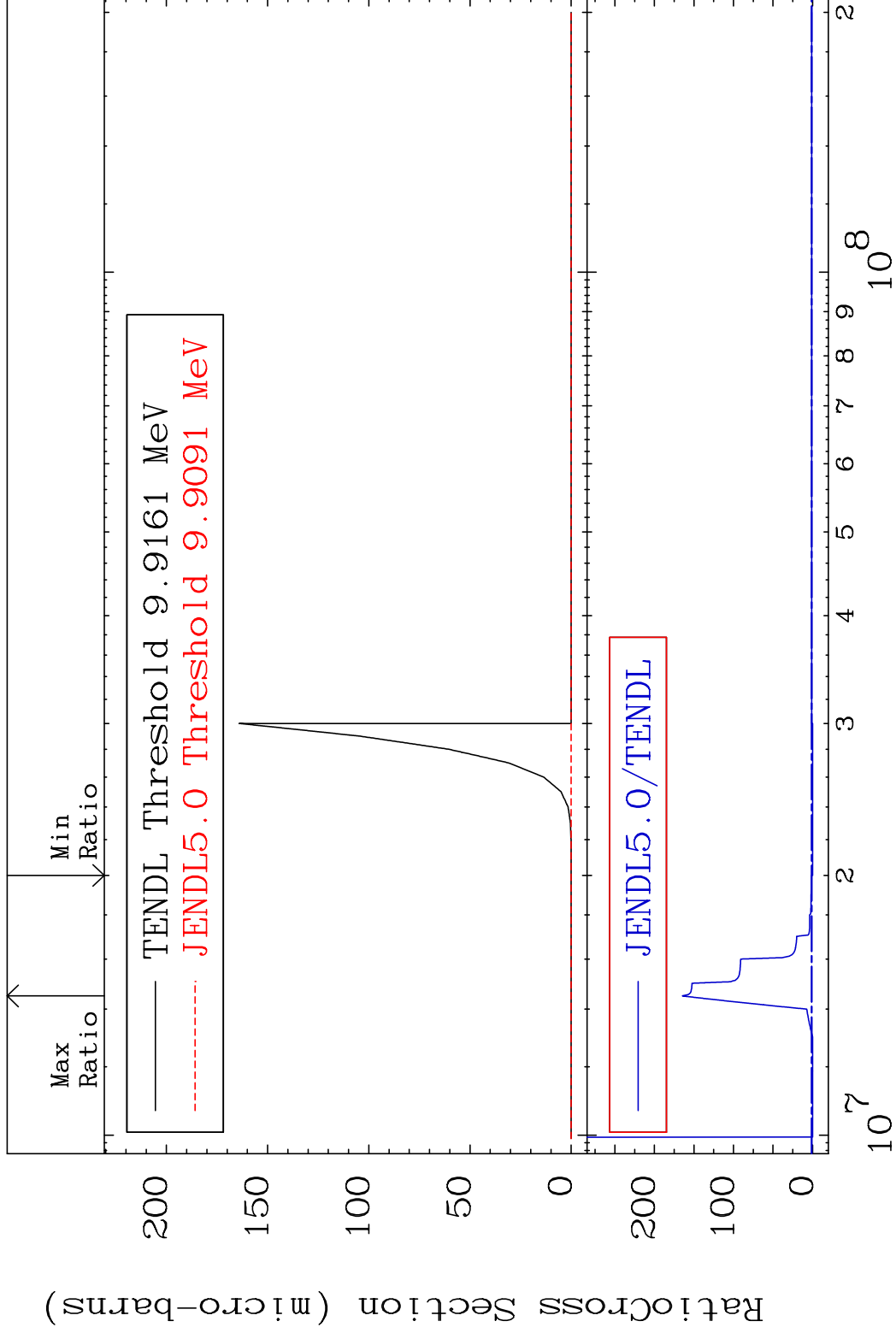
52-Te-128

MAT 5249

(n, He-3)

52-Te-128

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

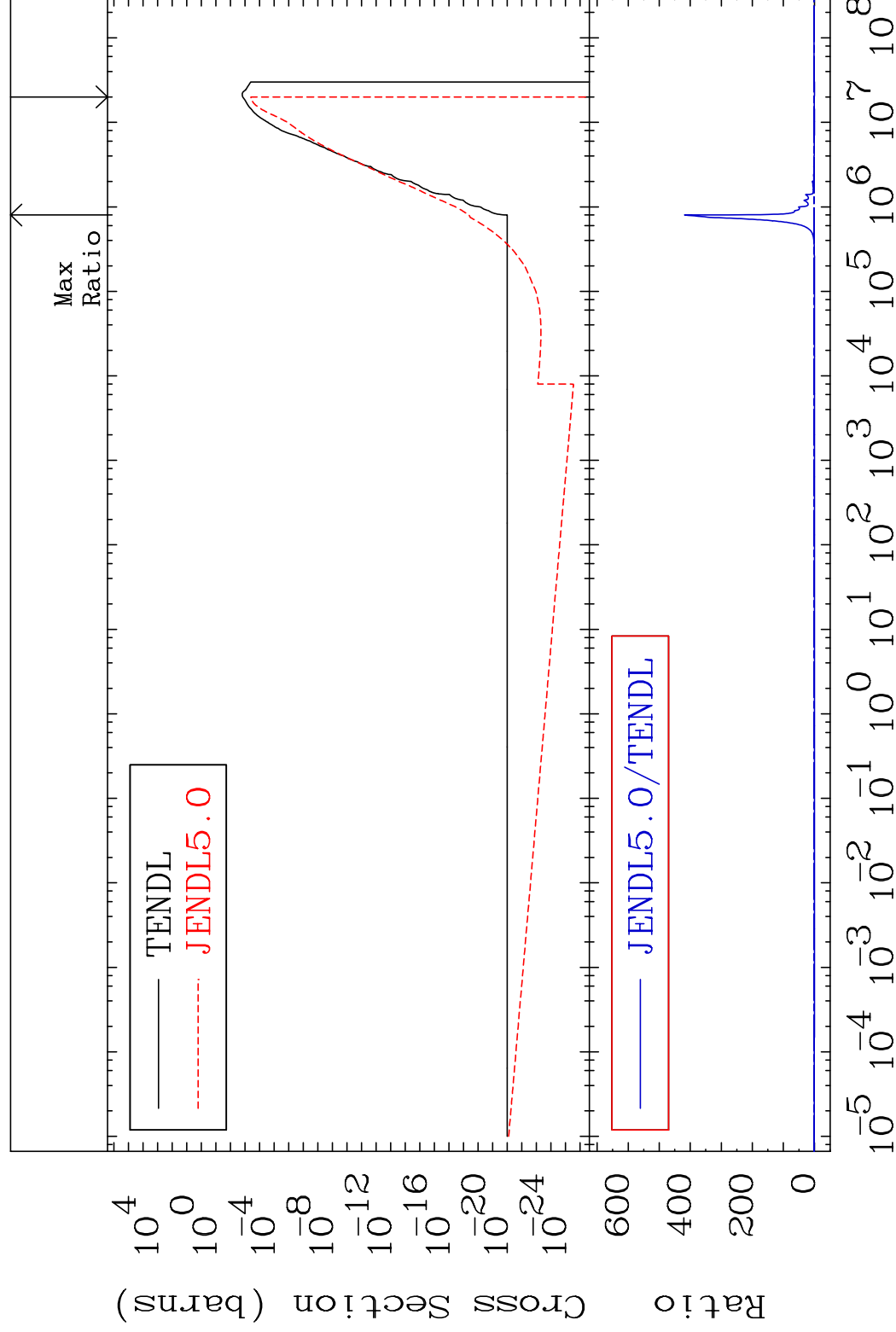
52-Te-128

MAT 5249

(n, α)

52-Te-128

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

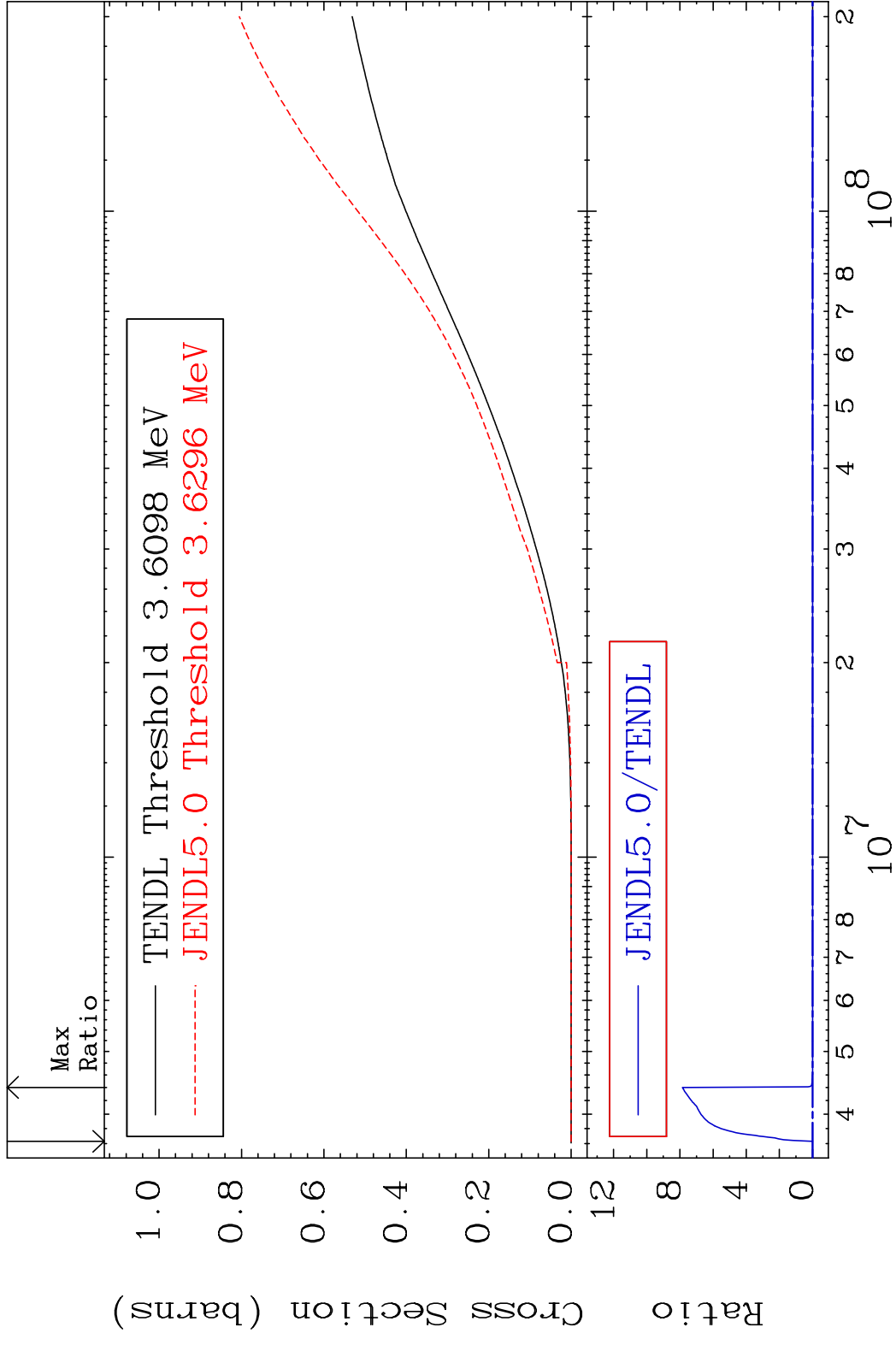
52-Te-128

MAT 5249

Hydrogen Production

52-Te-128

Cross Section -100.0 To 9999. %

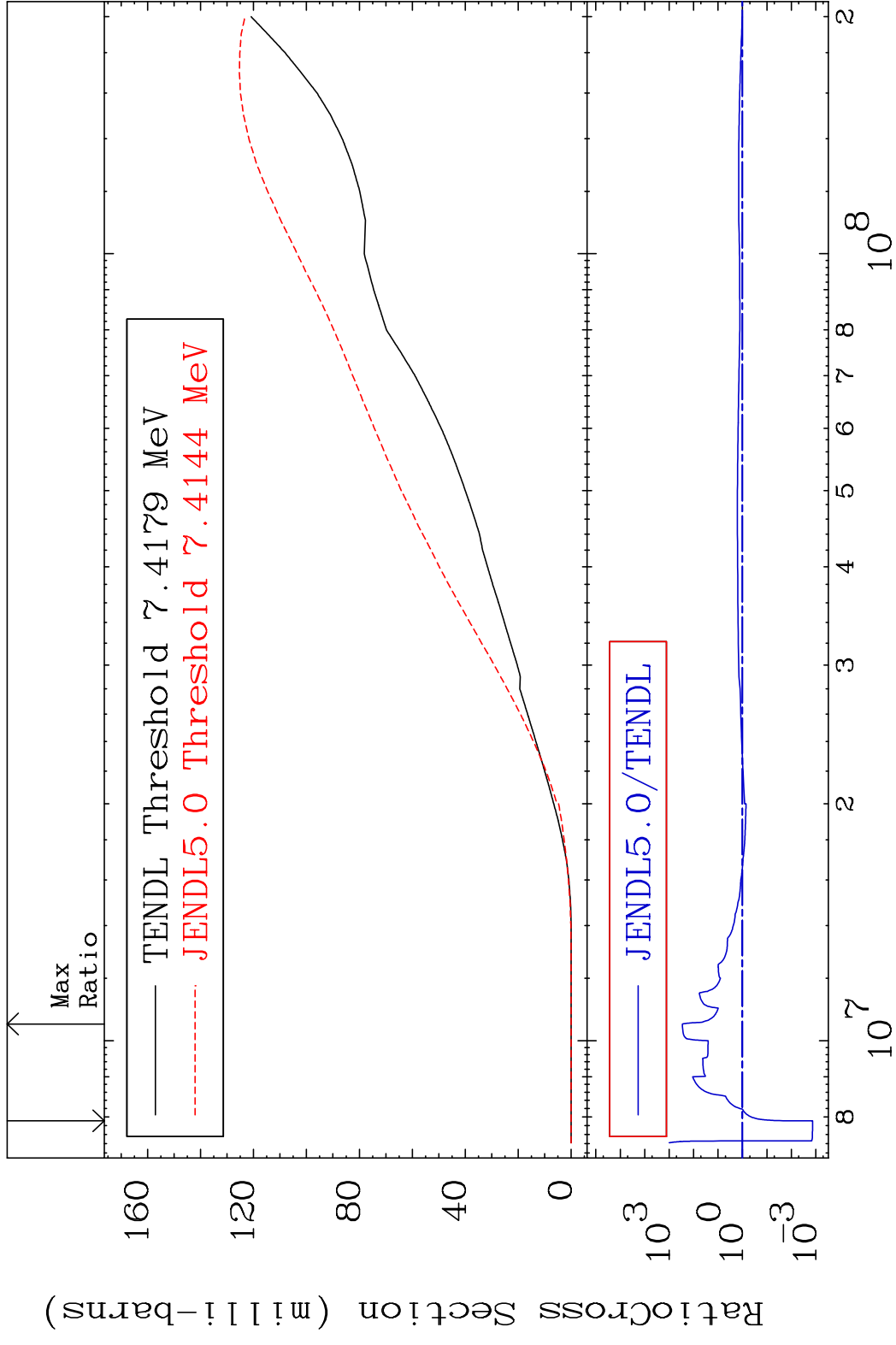


MAT 5249

Deuterium Production

52-Te-128

Cross Section -99.86 To 9999. %



48

Incident Energy (eV)

52-Te-128

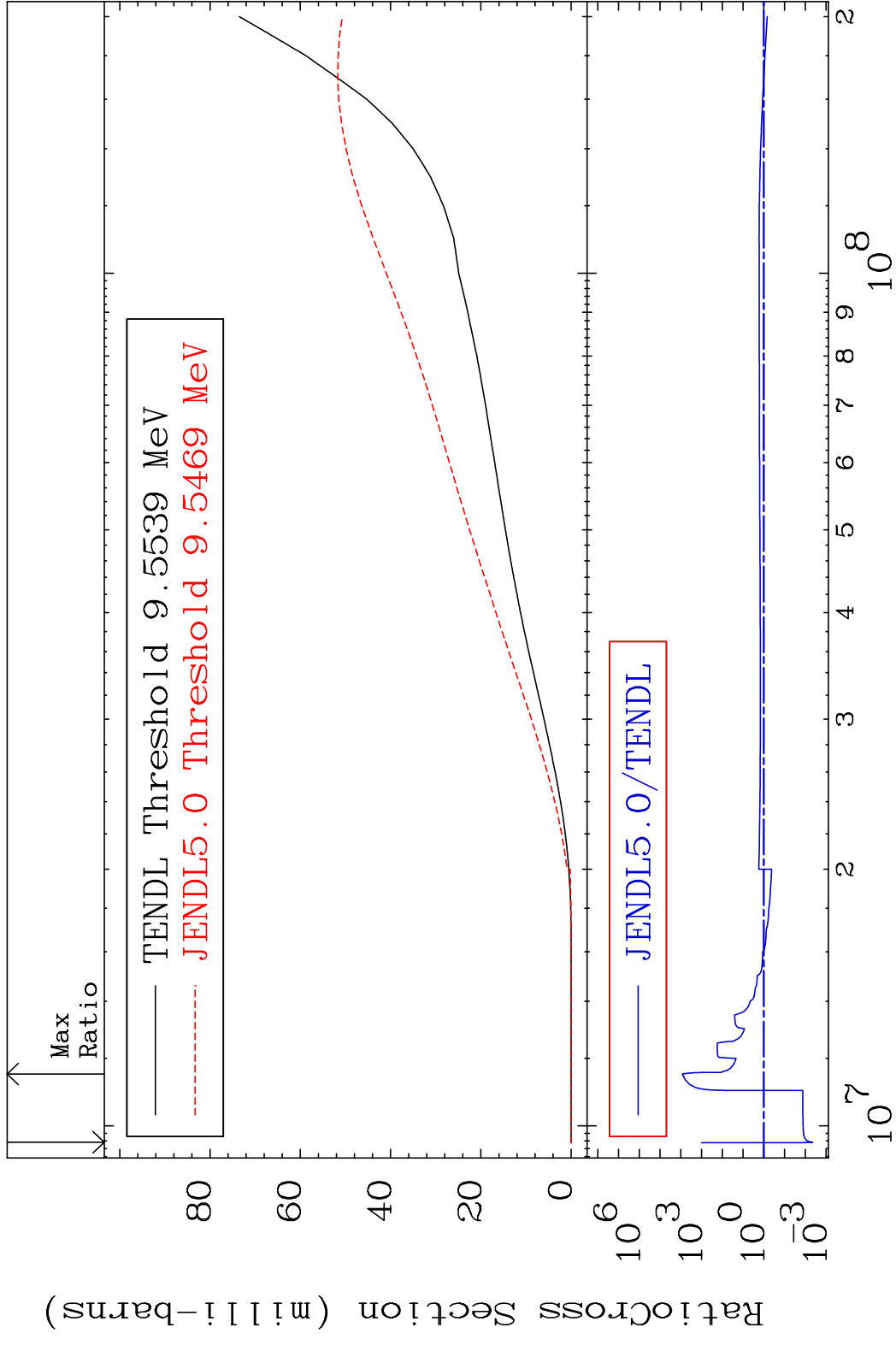
MAT 5249

Tritium Production

52-Te-128

Cross Section

-99.55 To 9999. %



49

Incident Energy (eV)

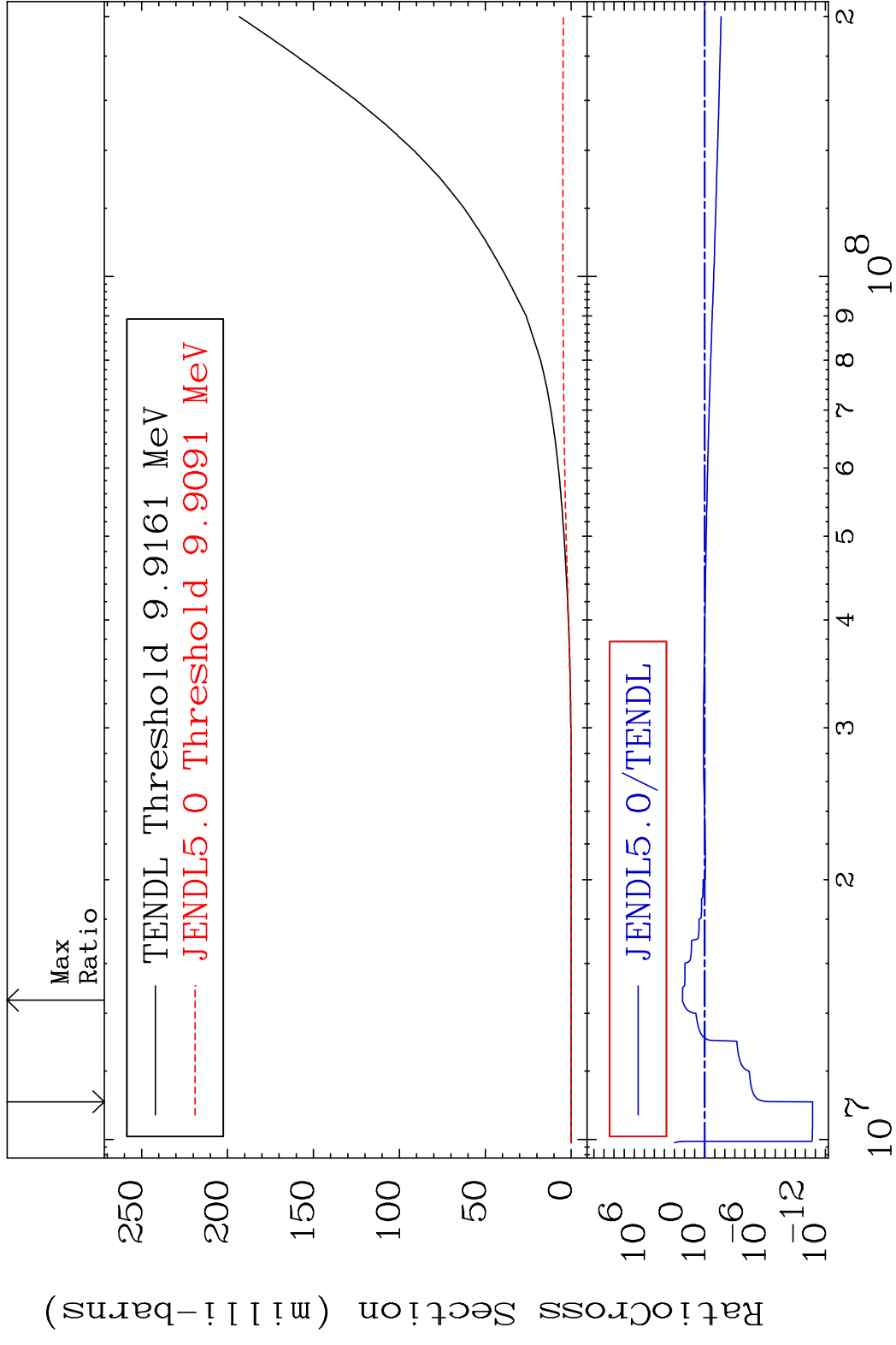
52-Te-128

MAT 5249

He-3 Production

52-Te-128

Cross Section -100.0 To 9999. %



50

Incident Energy (eV)

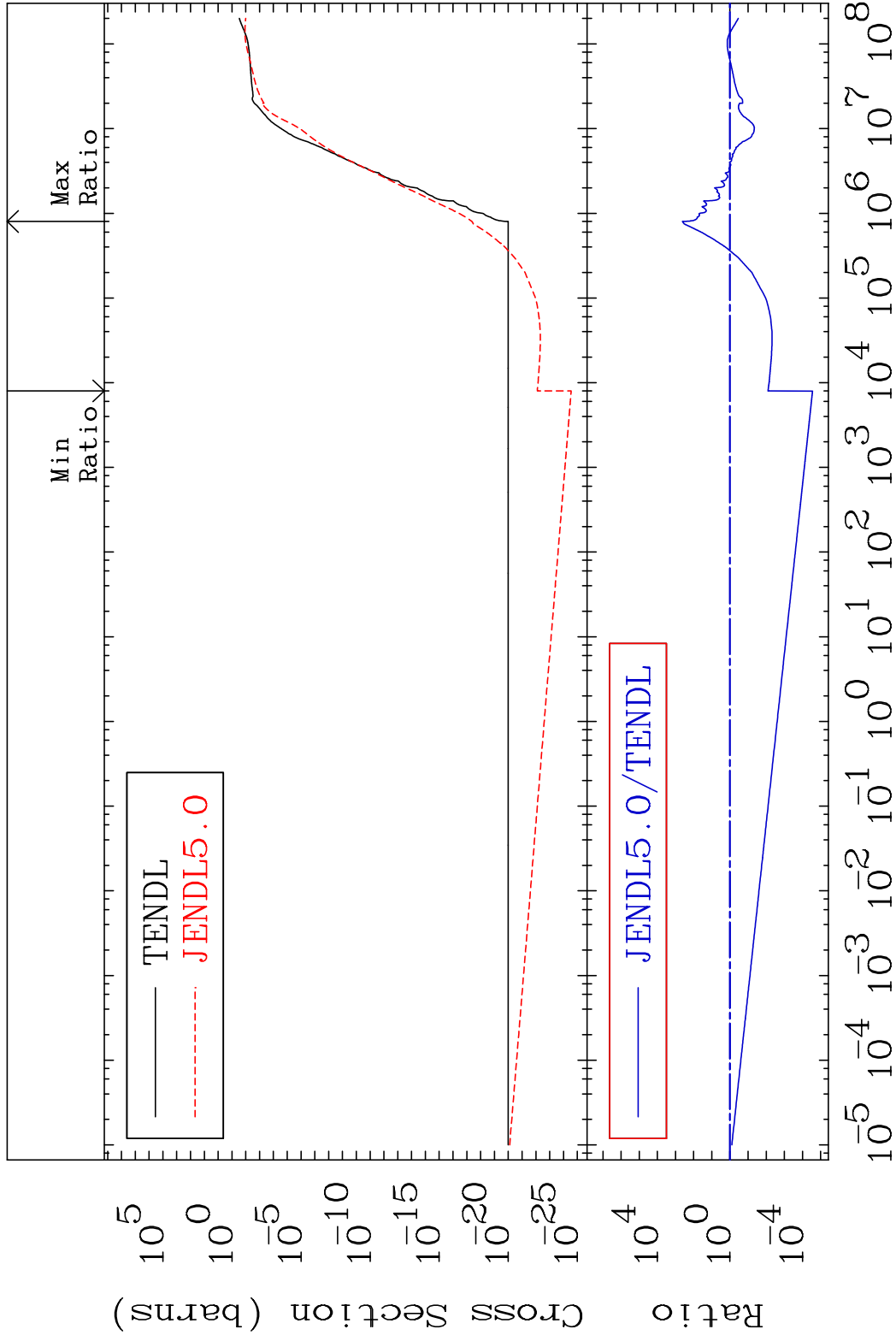
52-Te-128

MAT 5249

He-4 Production

52-Te-128

Cross Section -100.0 To 9999. %



51

Incident Energy (eV)

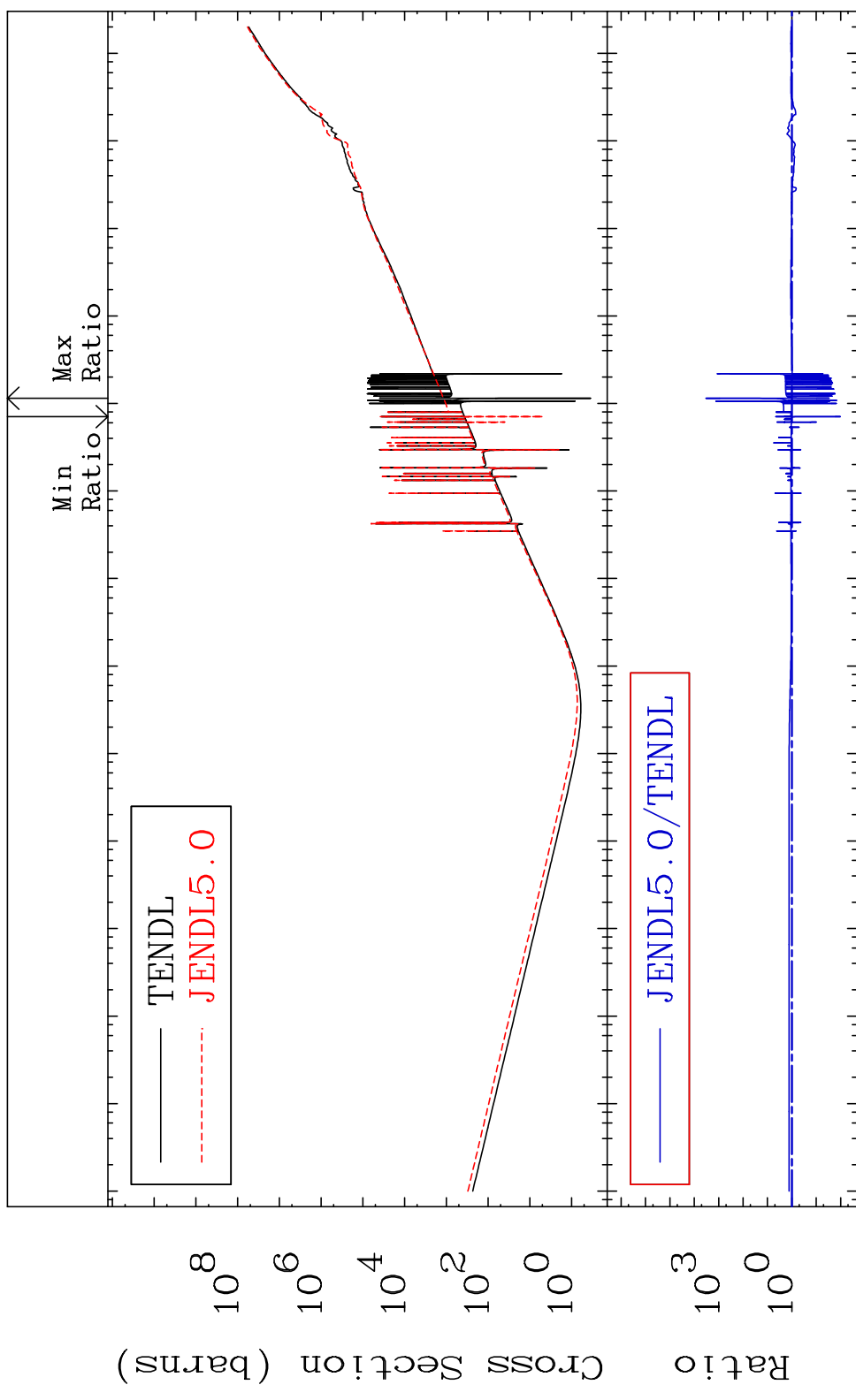
52-Te-128

MAT 5249

Kerma total (eV-barns)

52-Te-128

Cross Section -98.98 To 9999. %



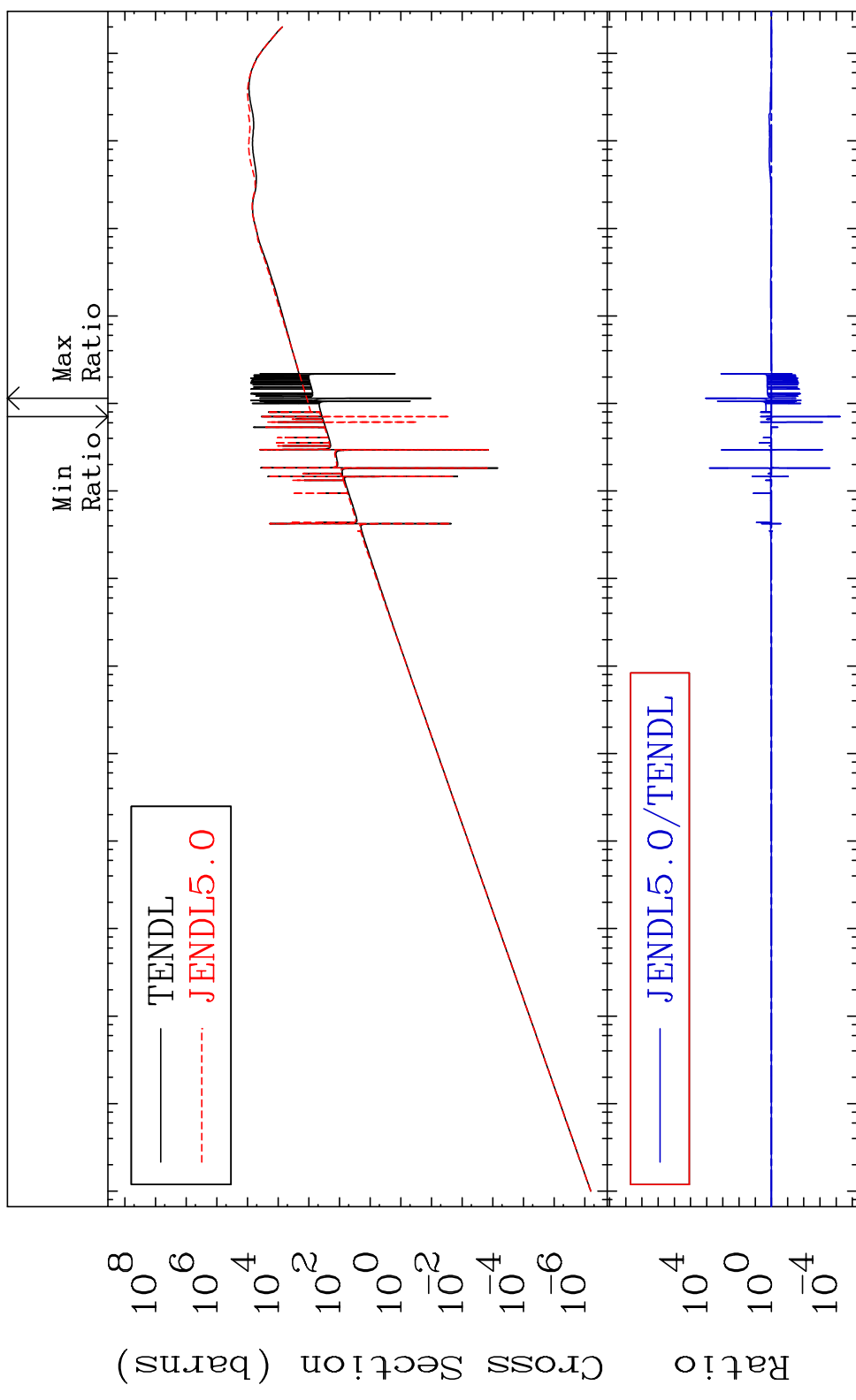
52

Incident Energy (eV)

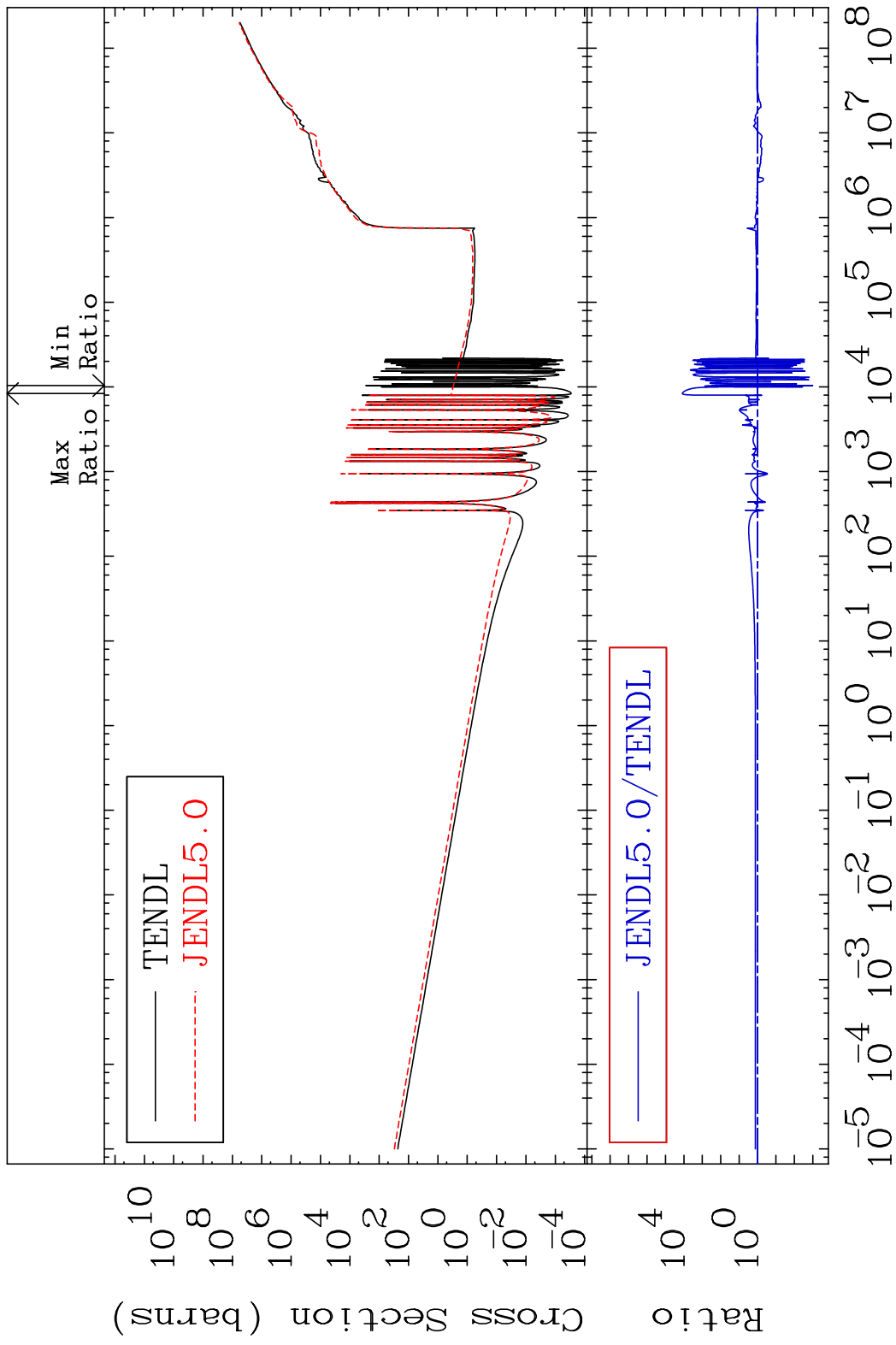
52-Te-128

MAT 5249

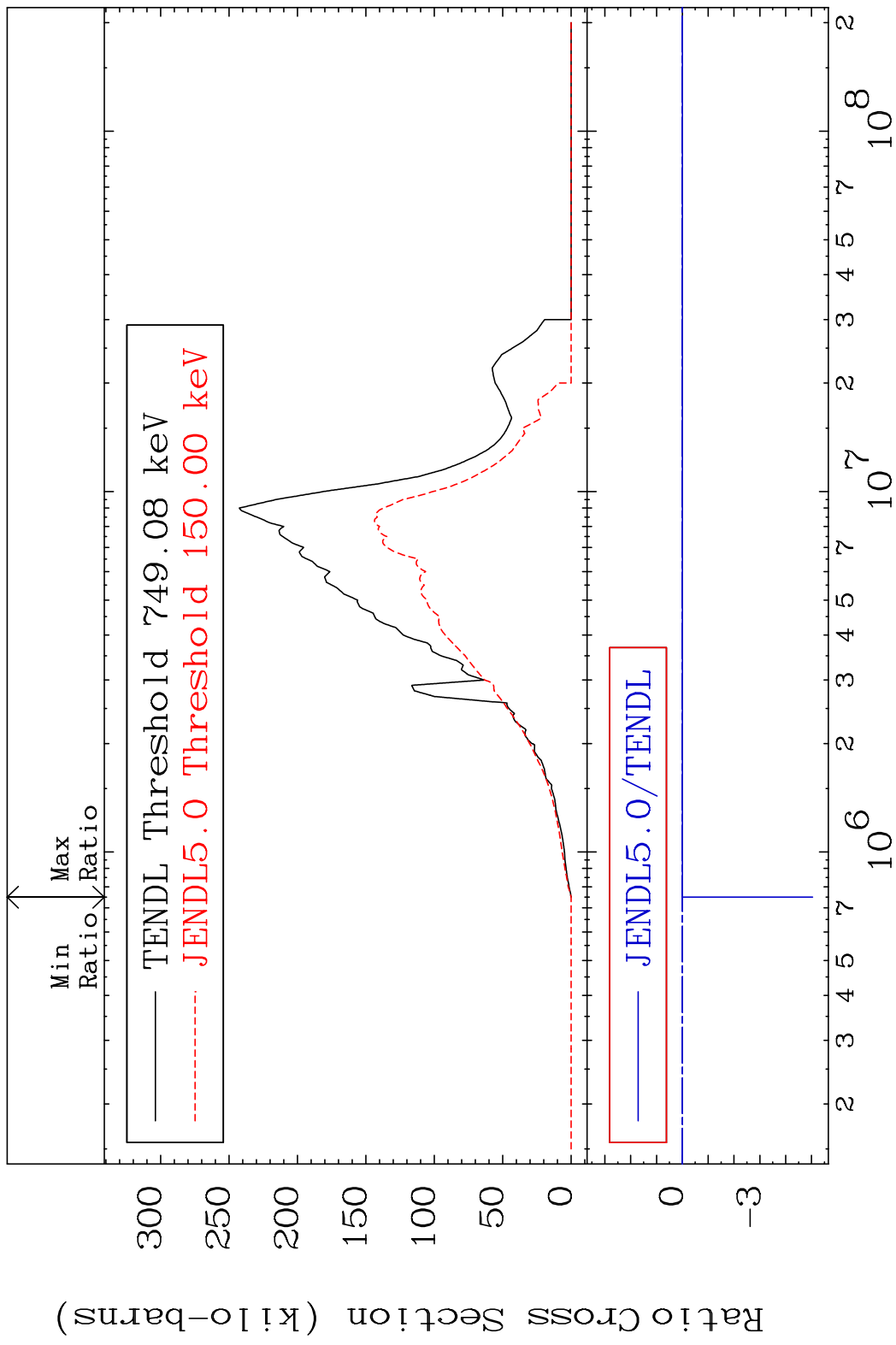
Kerma elastic Cross Section -99.99 To 9999. % 52-Te-128



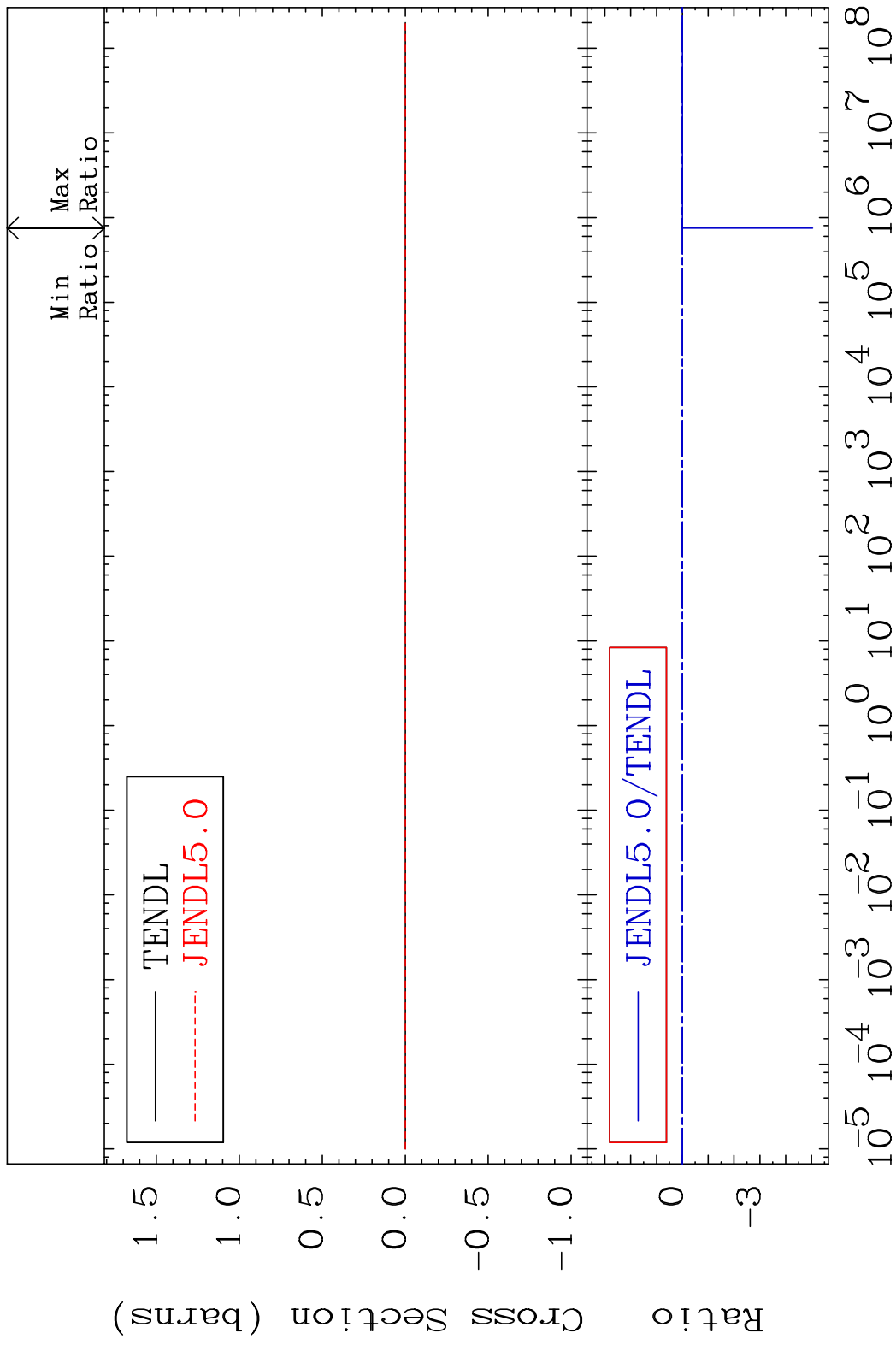
MAT 5249 Kerma non-elastic (all but mt2) 52-Te-128
 Cross Section -99.90 To 9999. %



MAT 5249 Kerma inelastic (mt51-91) 52-Te-128
 Cross Section -9999. To 1558. %



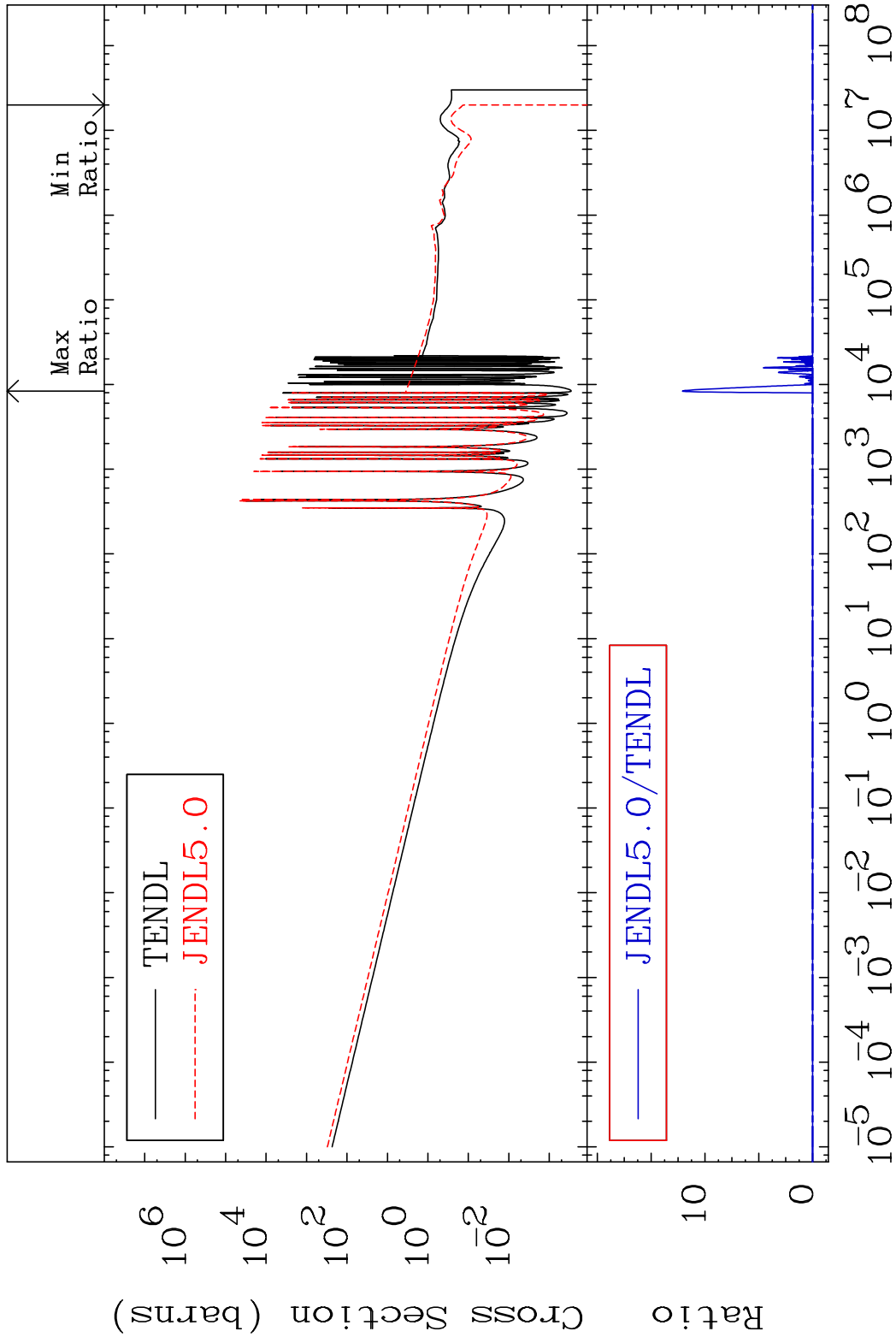
MAT 5249 Kerma fission (mt18 or mt19-20-21-38) 52-Te-128
 Cross Section -9999. To 1558. %



MAT 5249

Kerma capture (mt102) 52-Te-128

Cross Section -100.0 To 9999. %

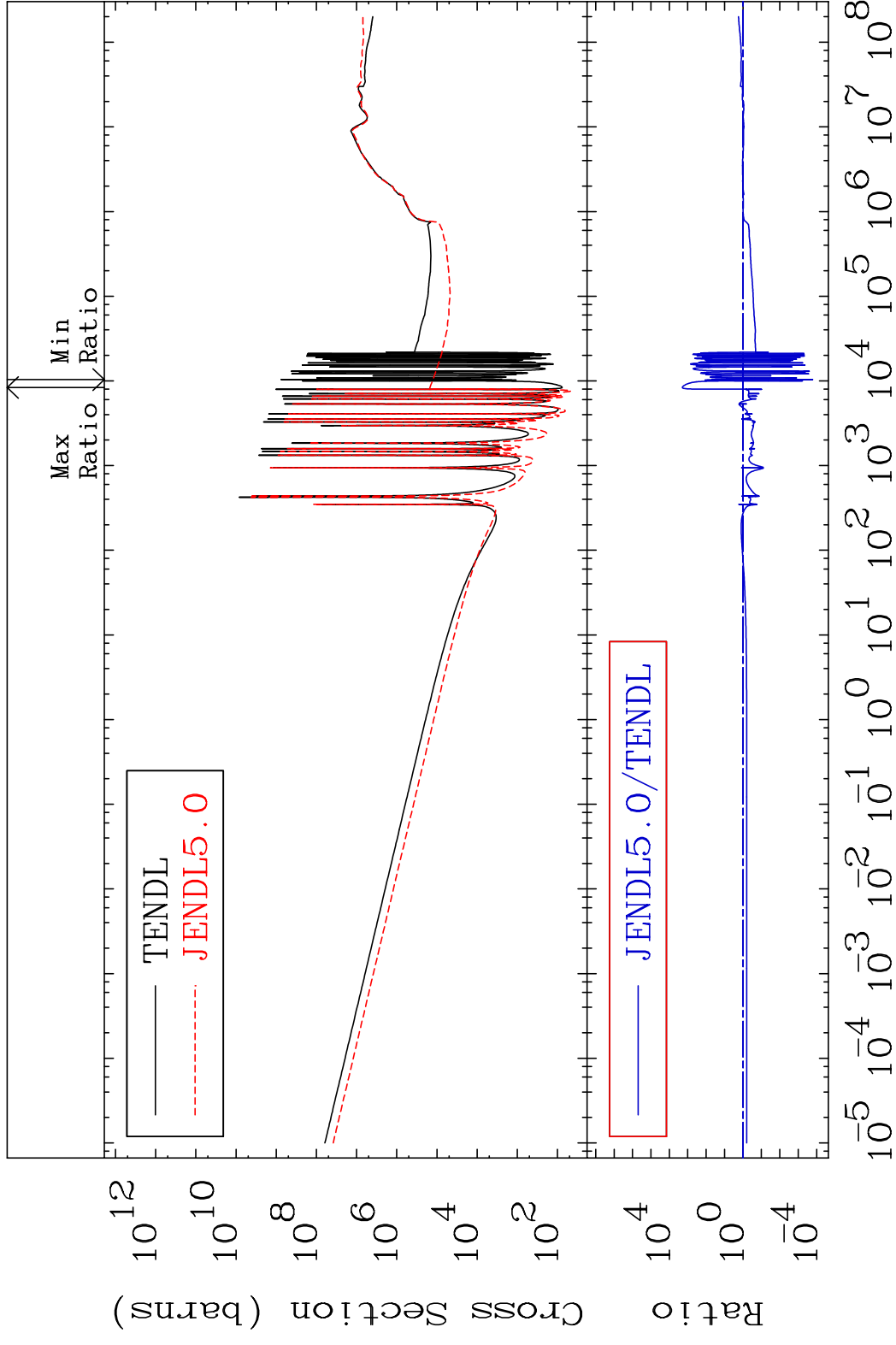


57

Incident Energy (eV)

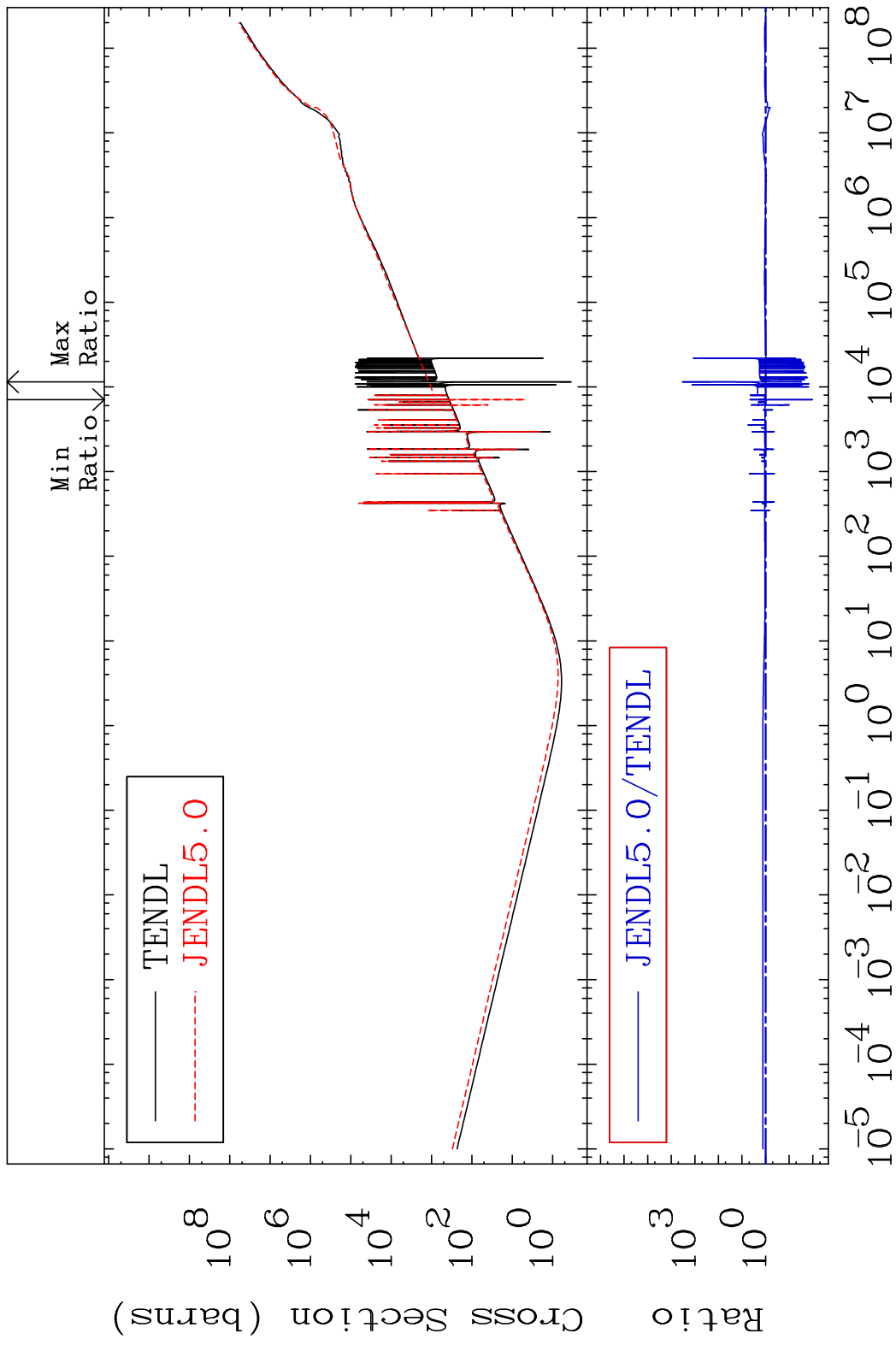
52-Te-128

MAT 5249 Total photon (eV-barns) 52-Te-128
 Cross Section -99.98 To 9999. %



58 Incident Energy (eV) 52-Te-128

MAT 5249 Total kinematic kerma (high limit) 52-Te-128
 Cross Section -98.98 To 9999. %

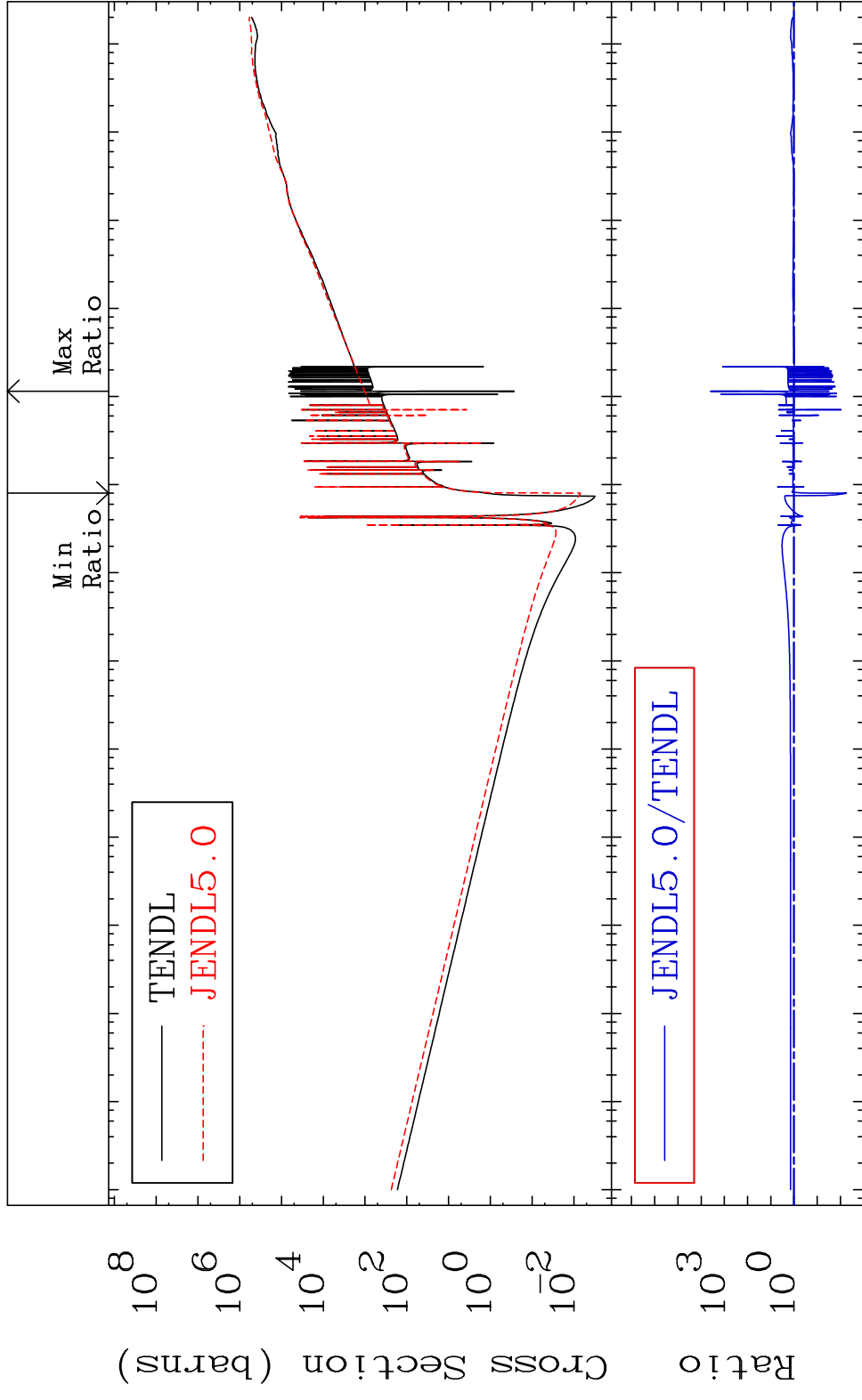


MAT 5249

Dpa total (eV-barns)

52-Te-128

Cross Section -99.45 To 9999. %



Ratio

60

Incident Energy (eV)

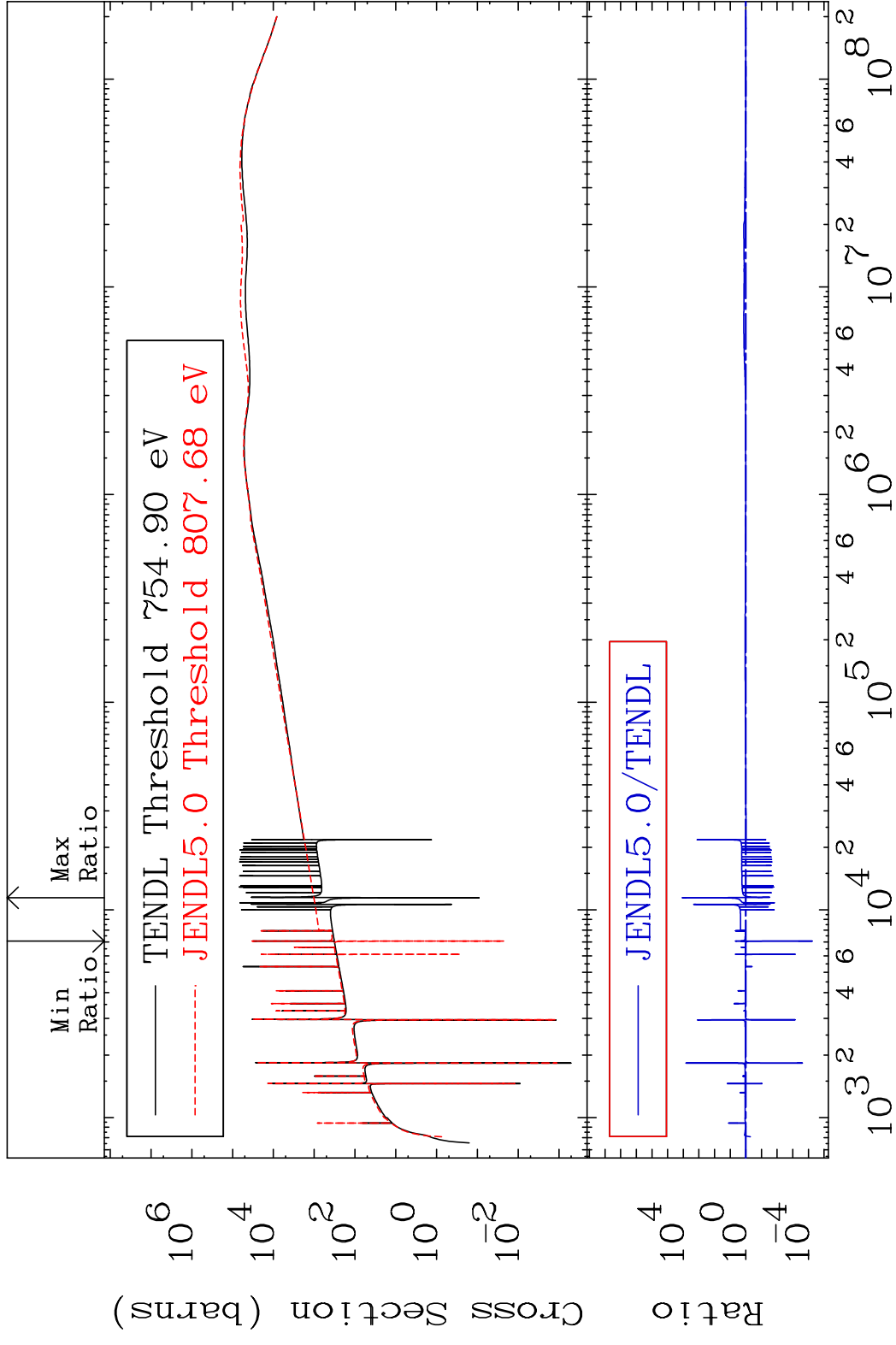
52-Te-128

MAT 5249

Dpa elastic (mt2)

52-Te-128

Cross Section -99.99 To 9999. %



61

Incident Energy (eV)

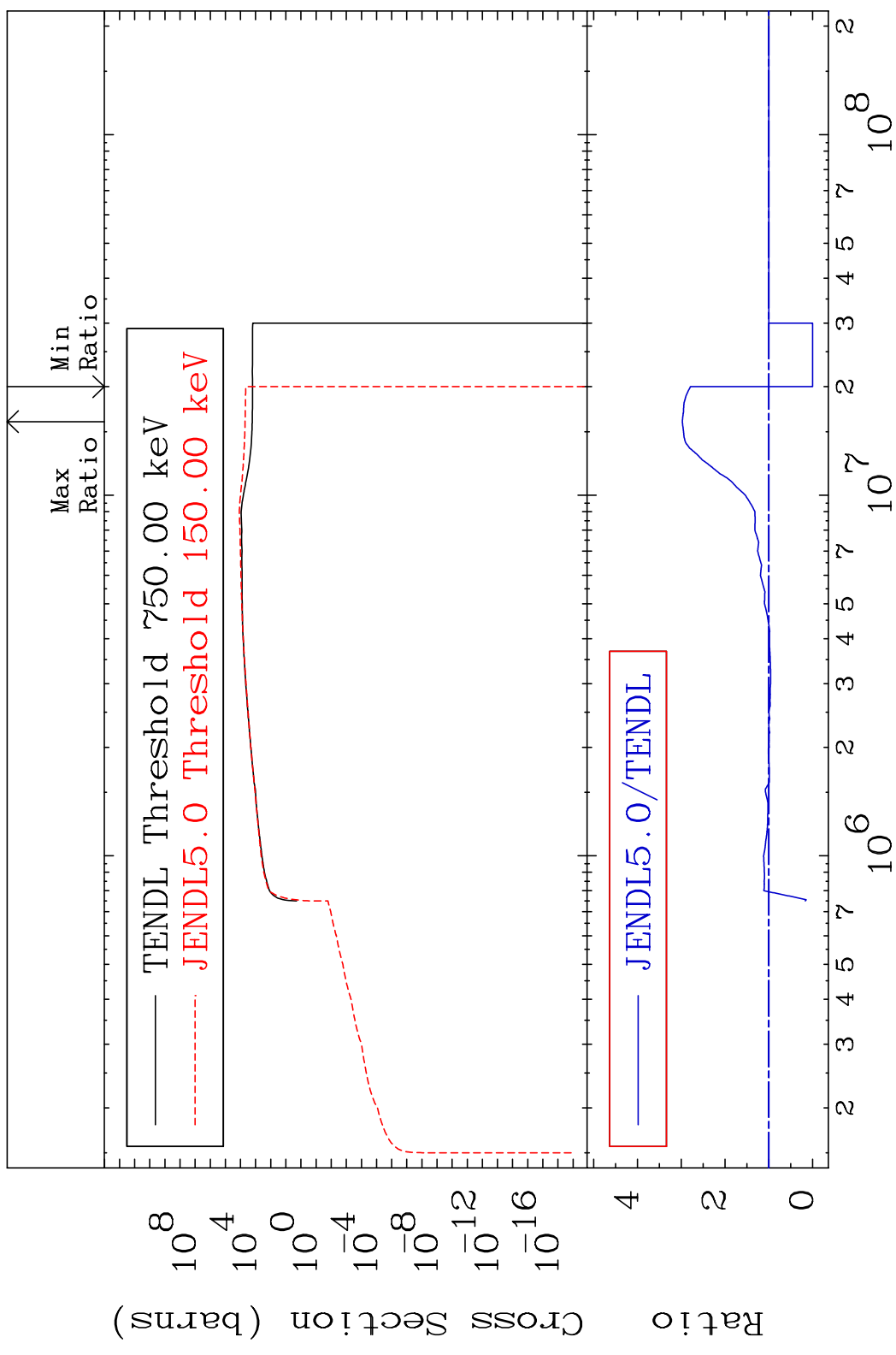
52-Te-128

MAT 5249

Dpa inelastic (mt51-91)

52-Te-128

Cross Section -100.0 To 197.4 %

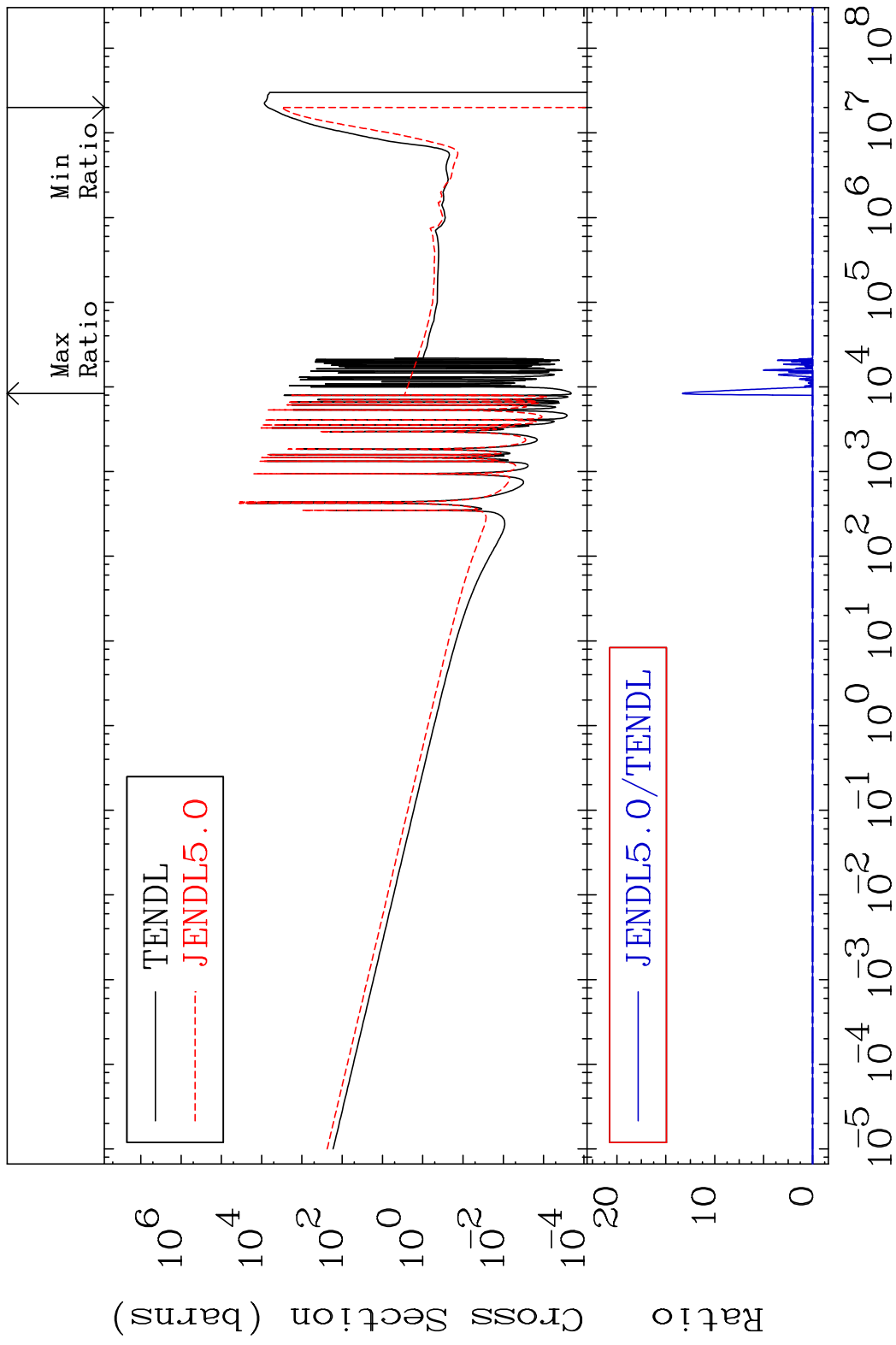


62

Incident Energy (eV)

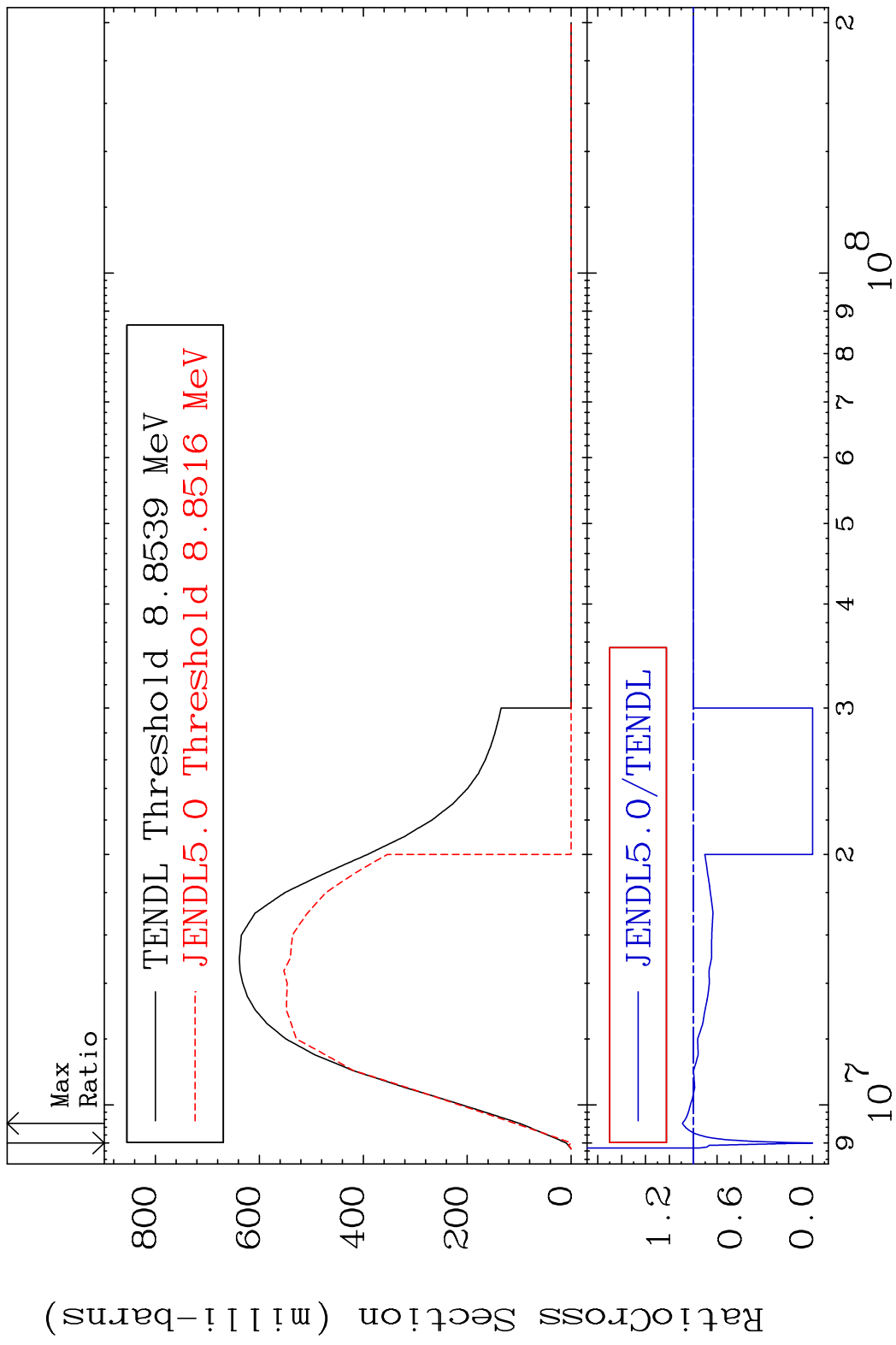
52-Te-128

MAT 5249 Dpa disappearance (mt102 -120) 52-Te-128
 Cross Section -100.0 To 9999. %



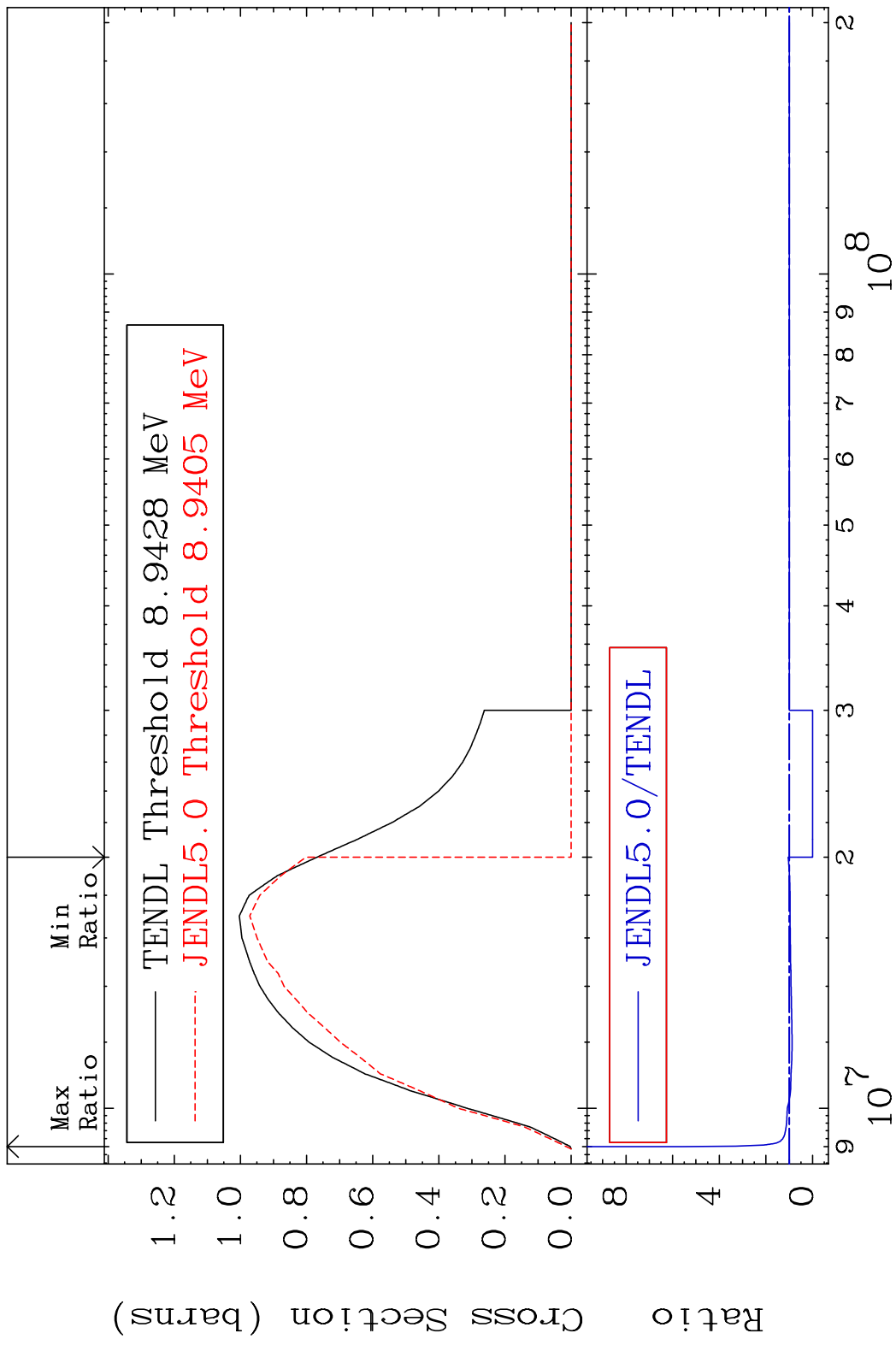
63 Incident Energy (eV) 52-Te-128

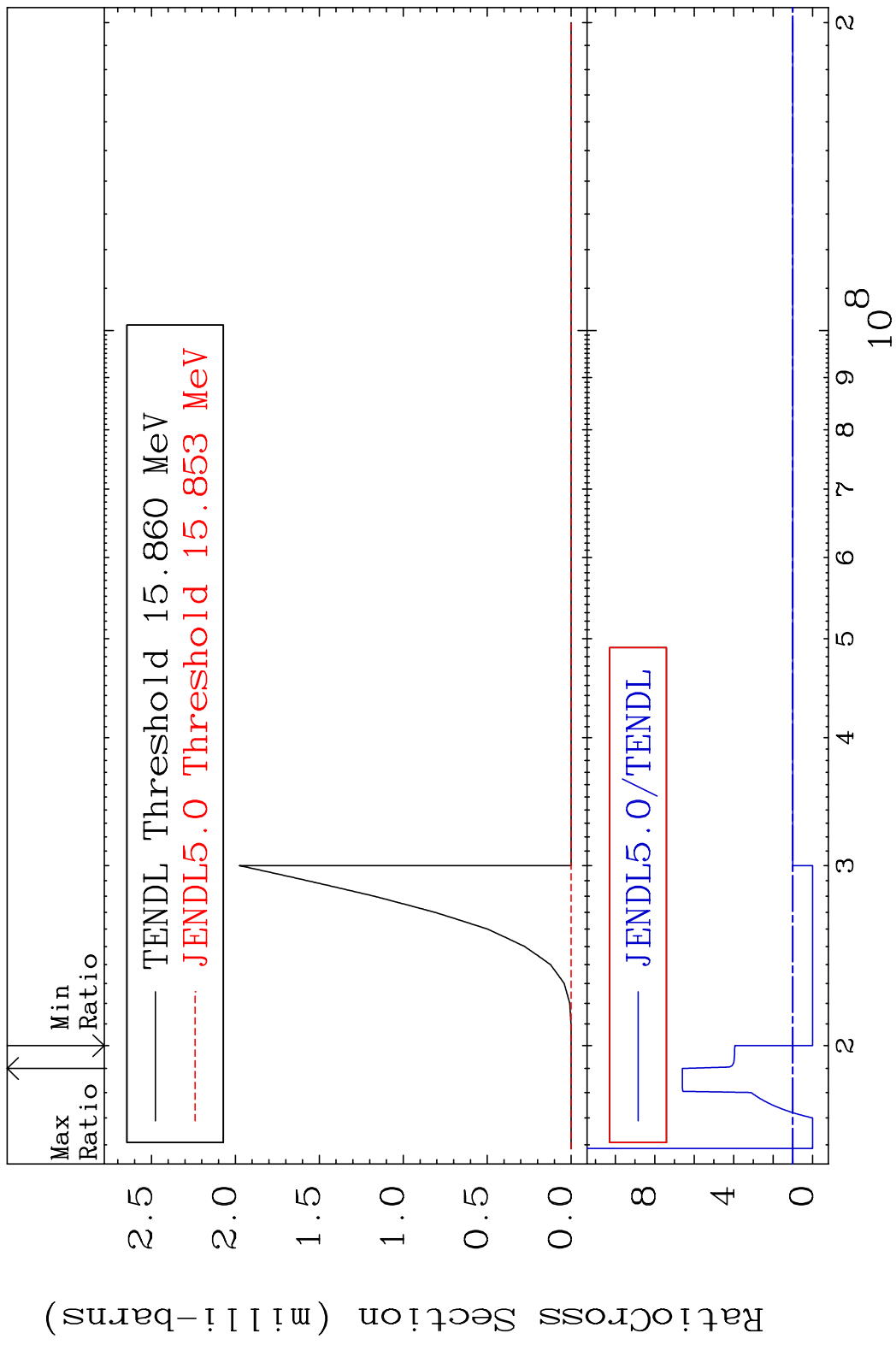
MAT 5249 (n,2n):52-Te-127g 52-Te-128
 Radionuclide Production Cross Section Ratio 9.120 %

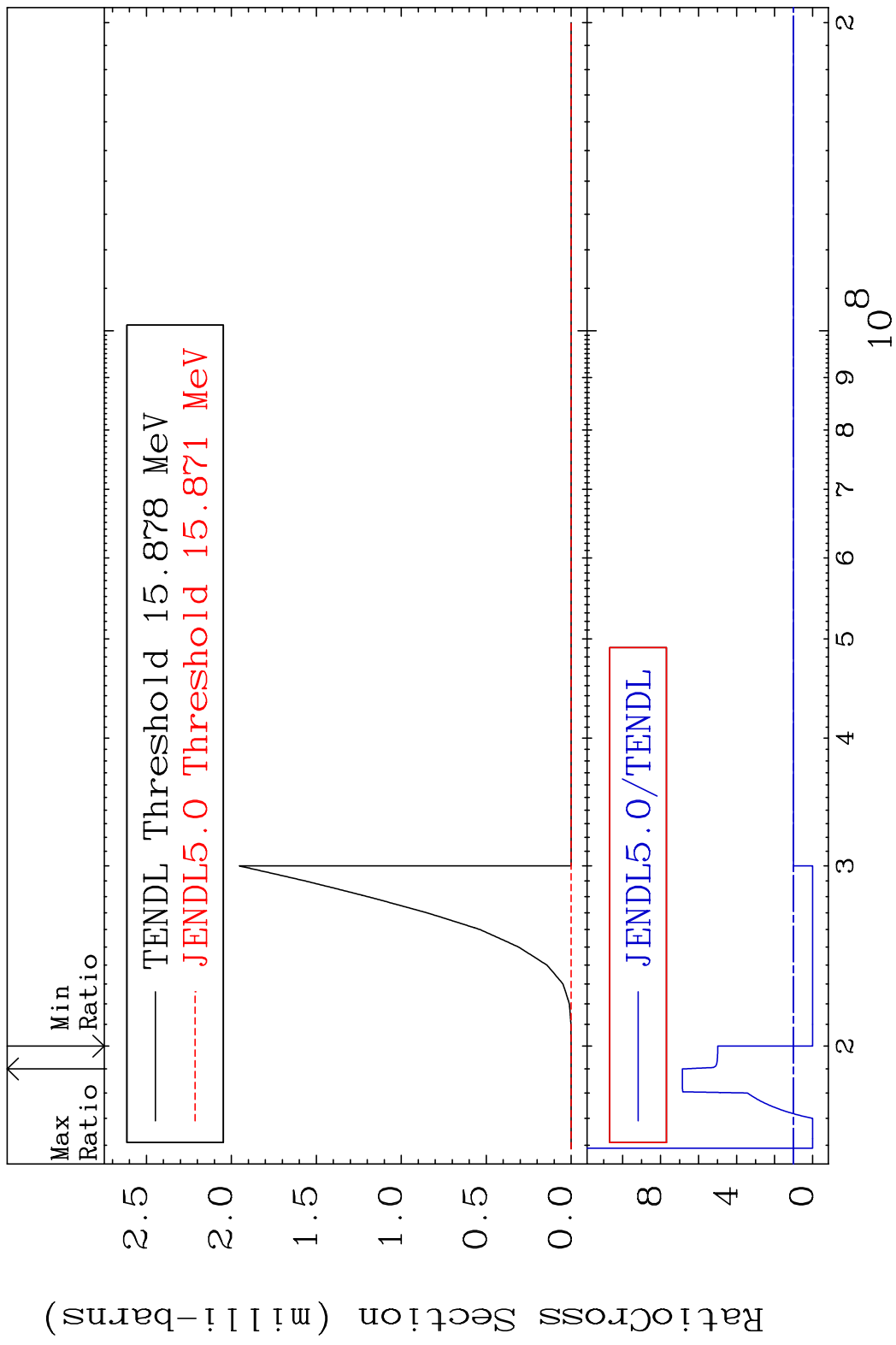


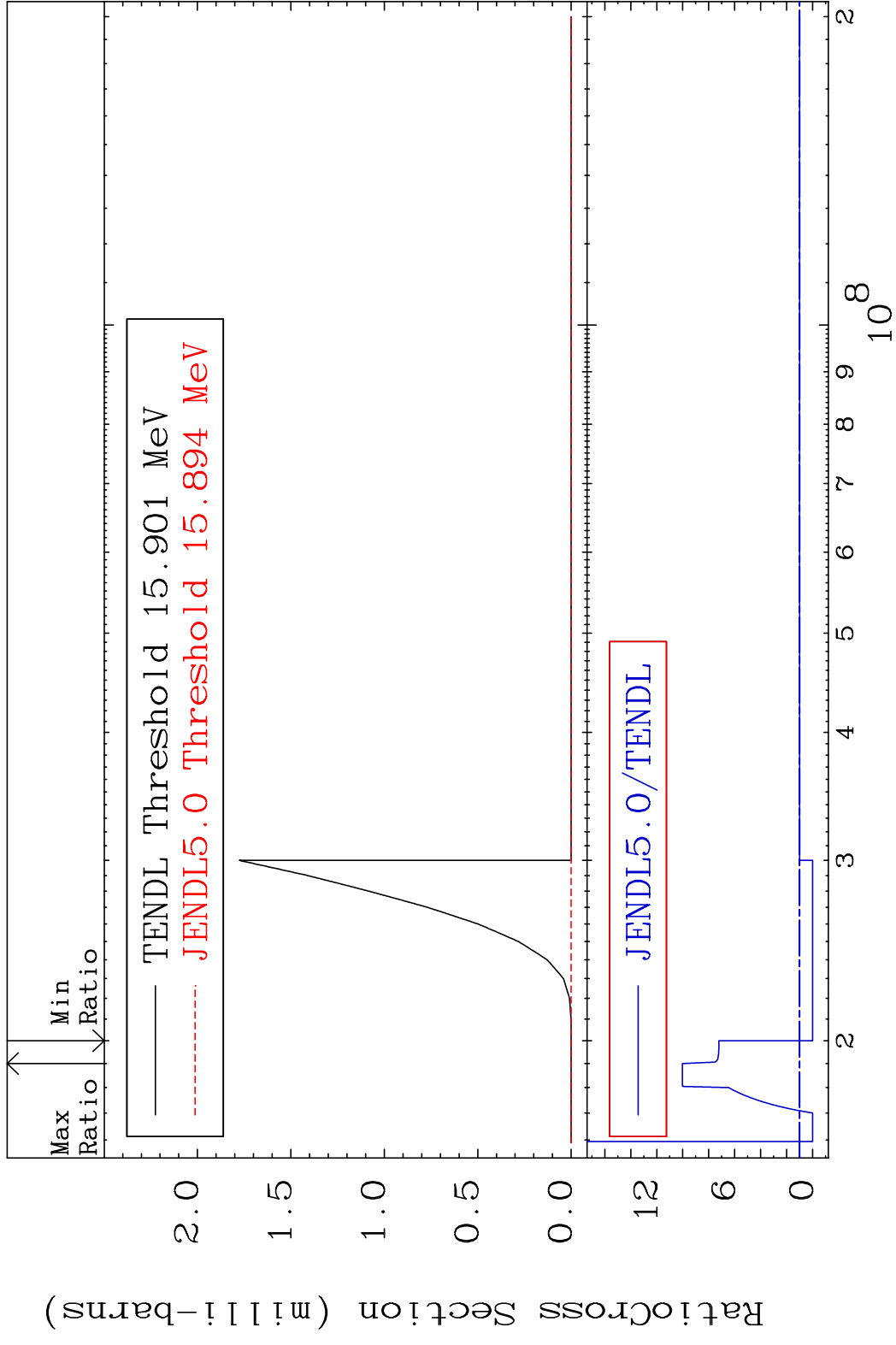
64 Incident Energy (eV) 52-Te-128

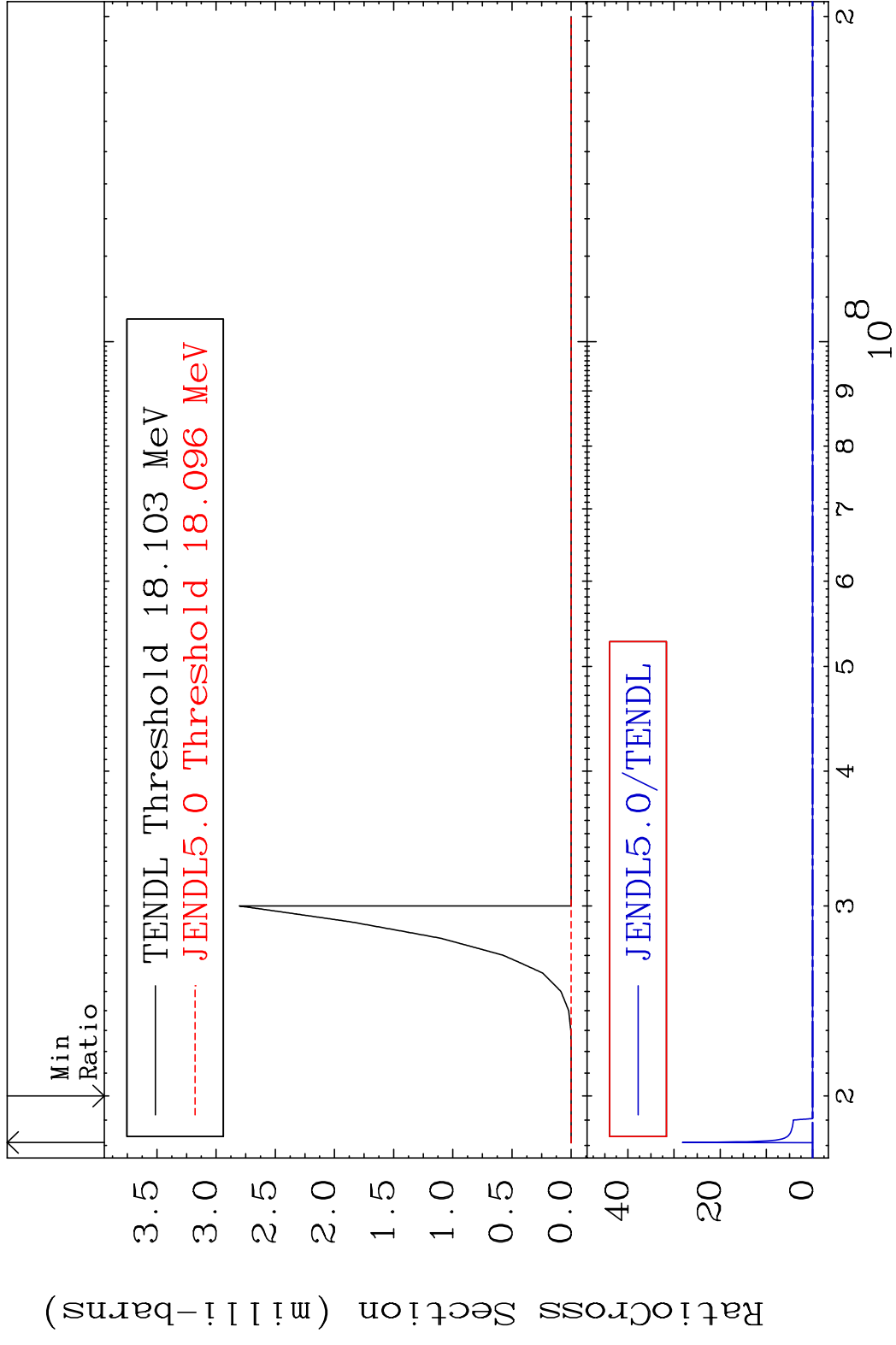
MAT 5249 (n, 2n):52-Te-127m2 52-Te-128
 Radionuclide Production Cross Section 180.0 dth 458.3 %

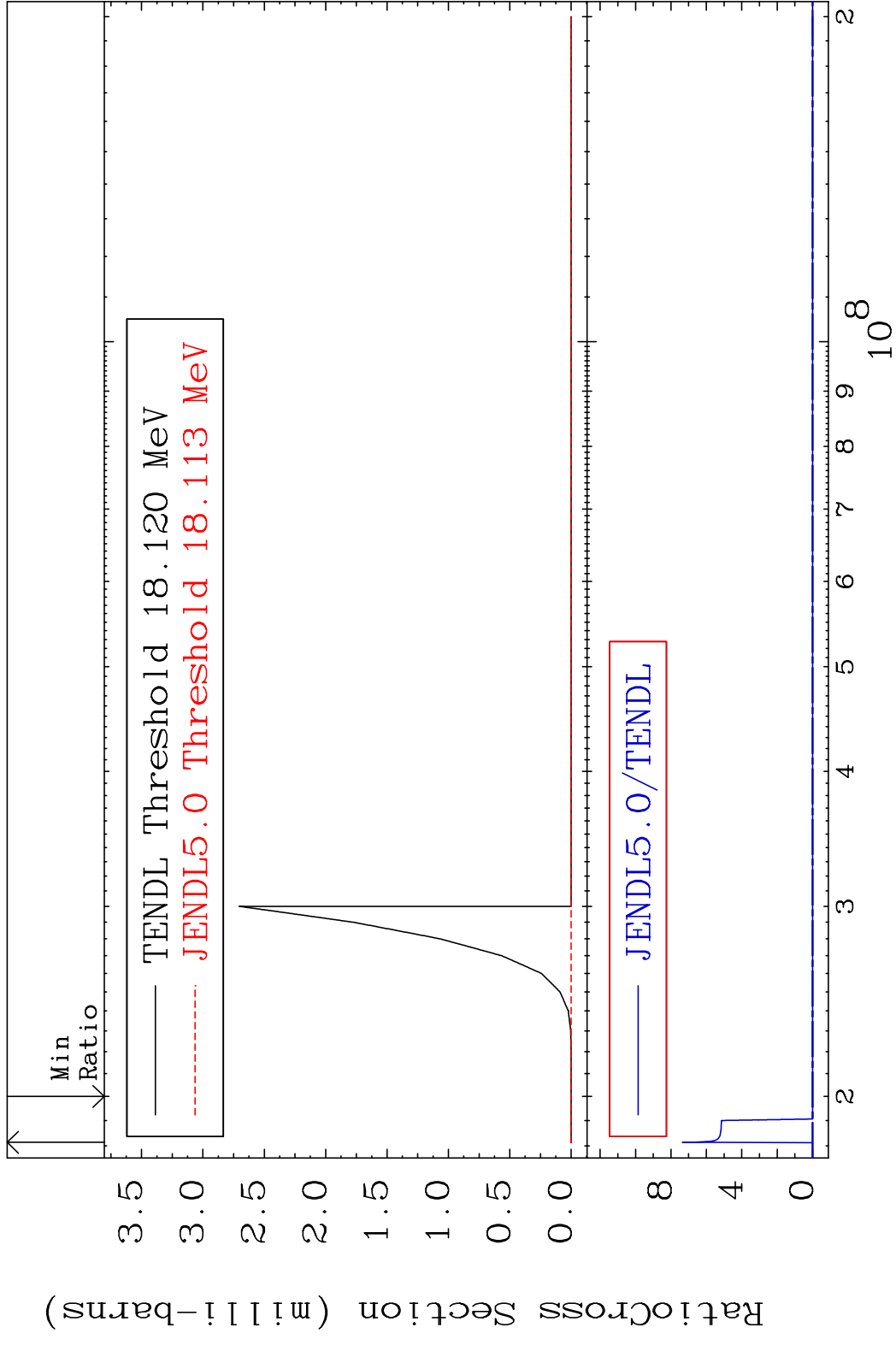


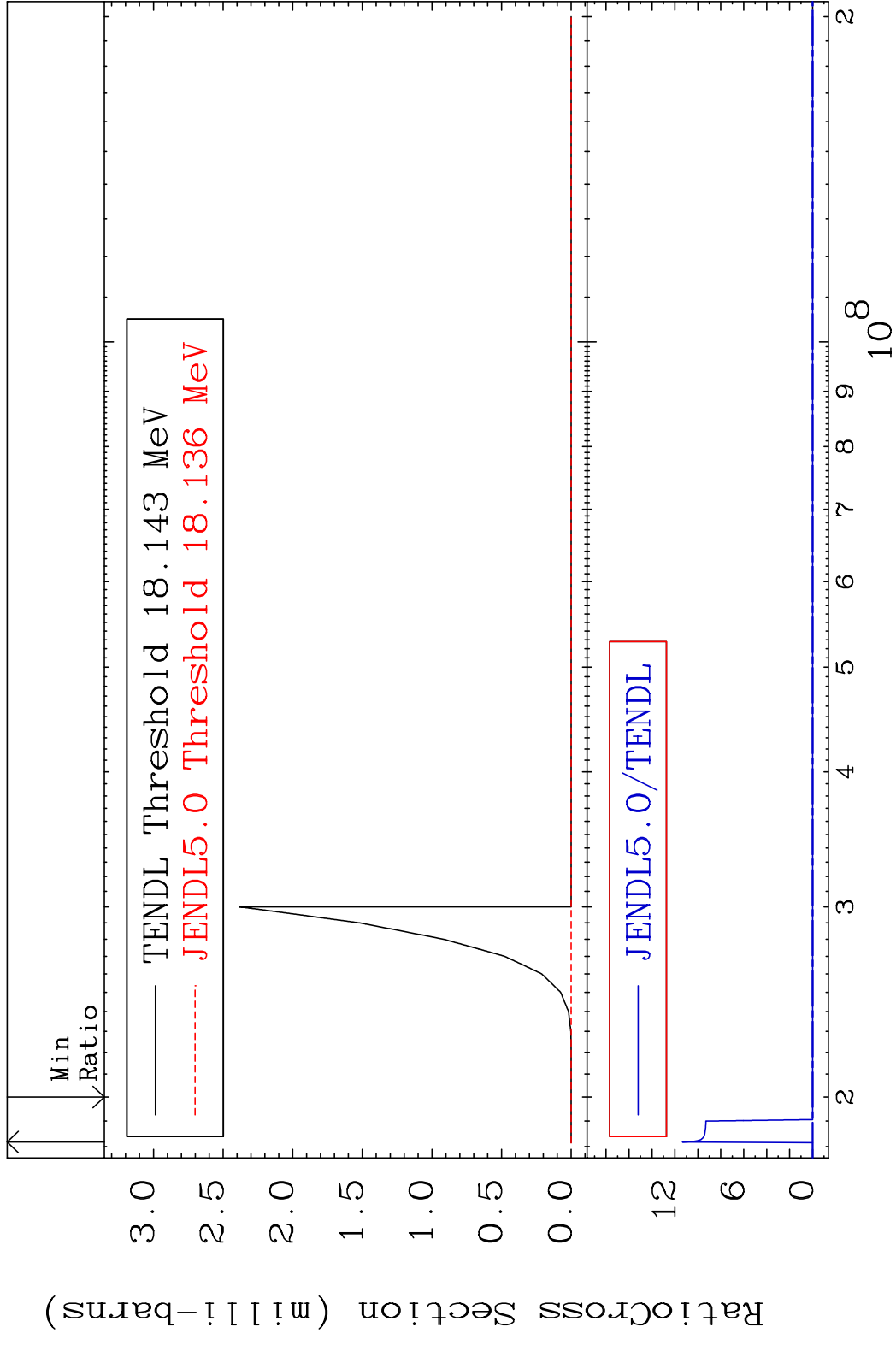




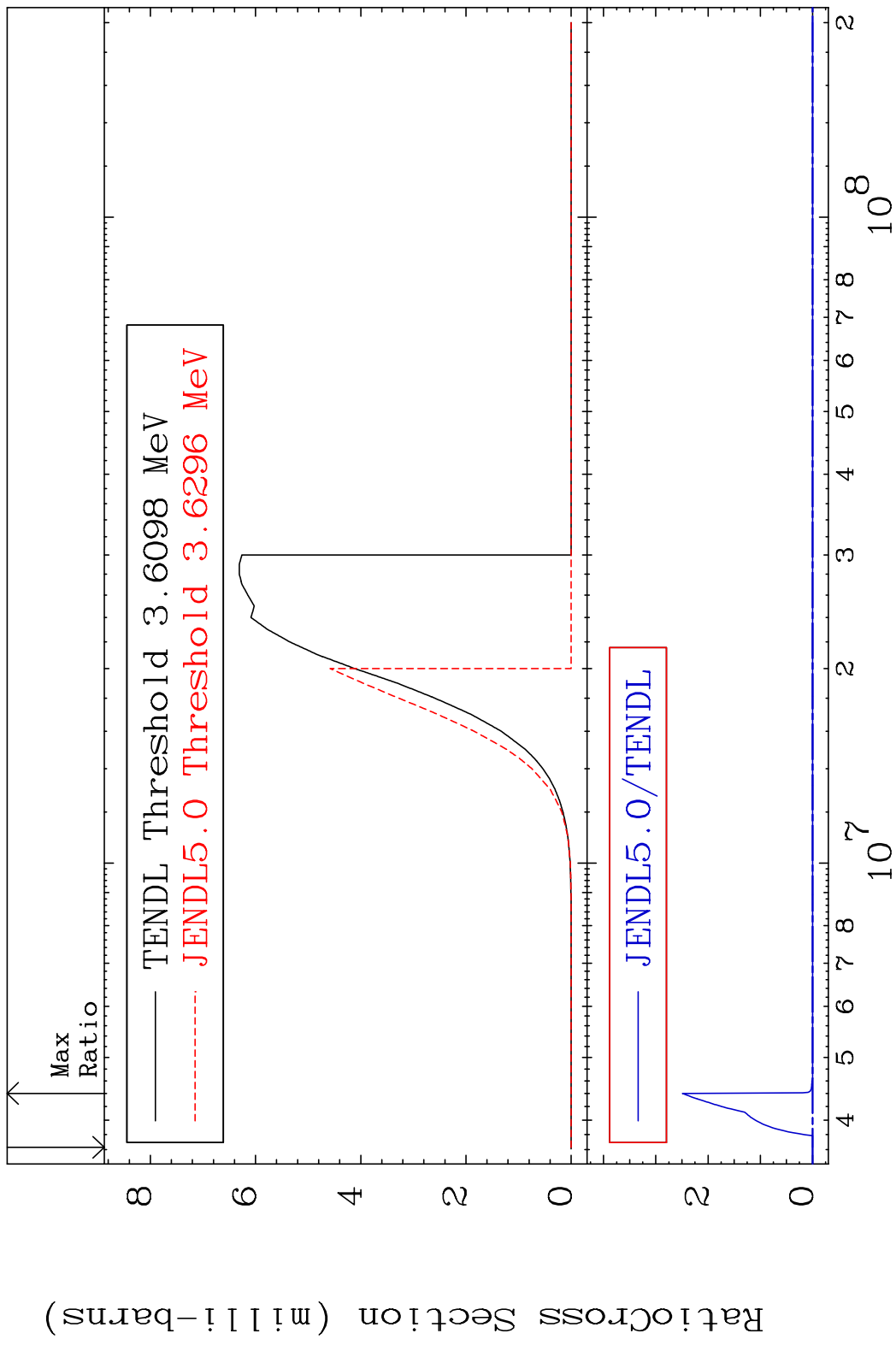




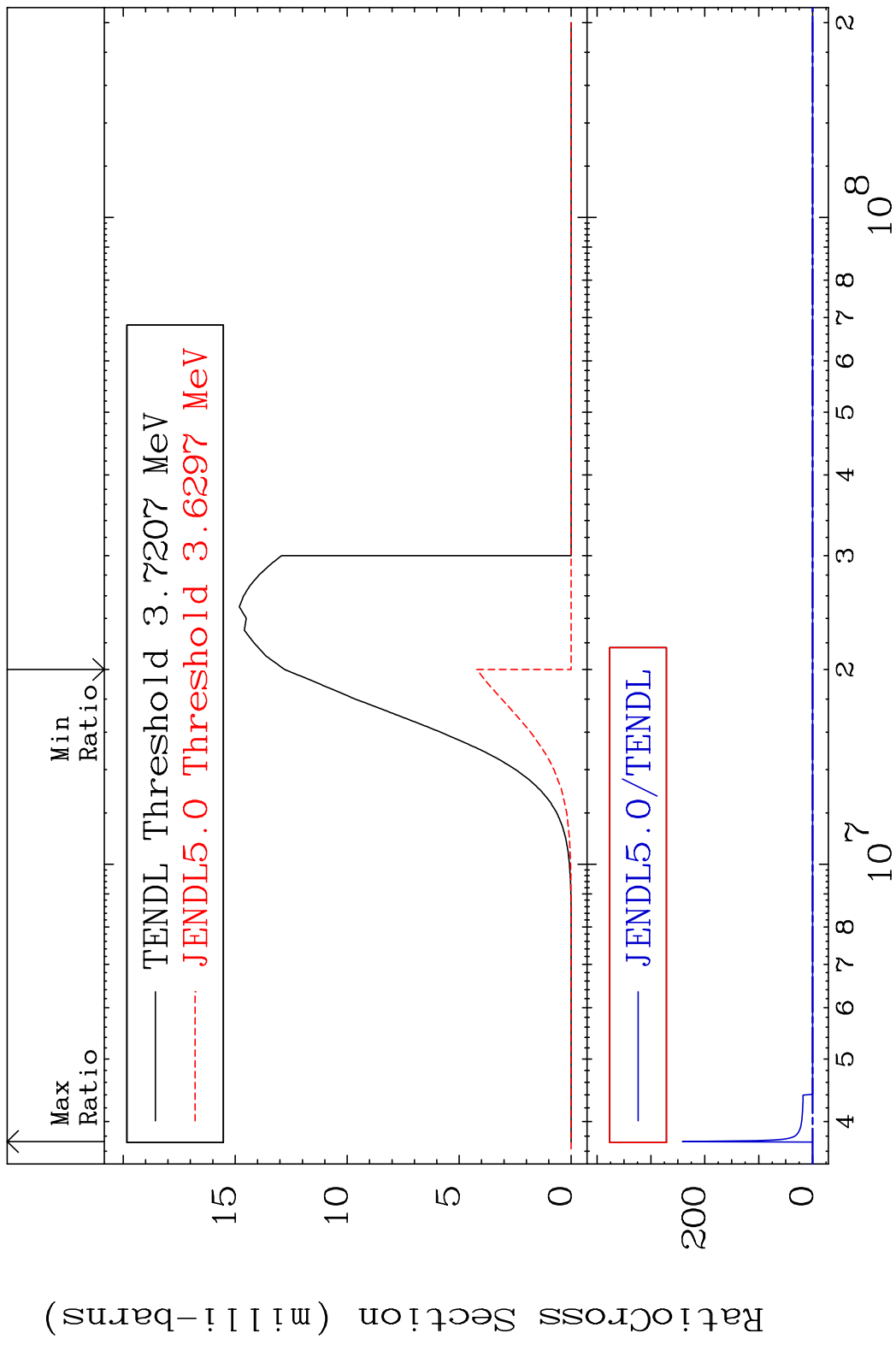


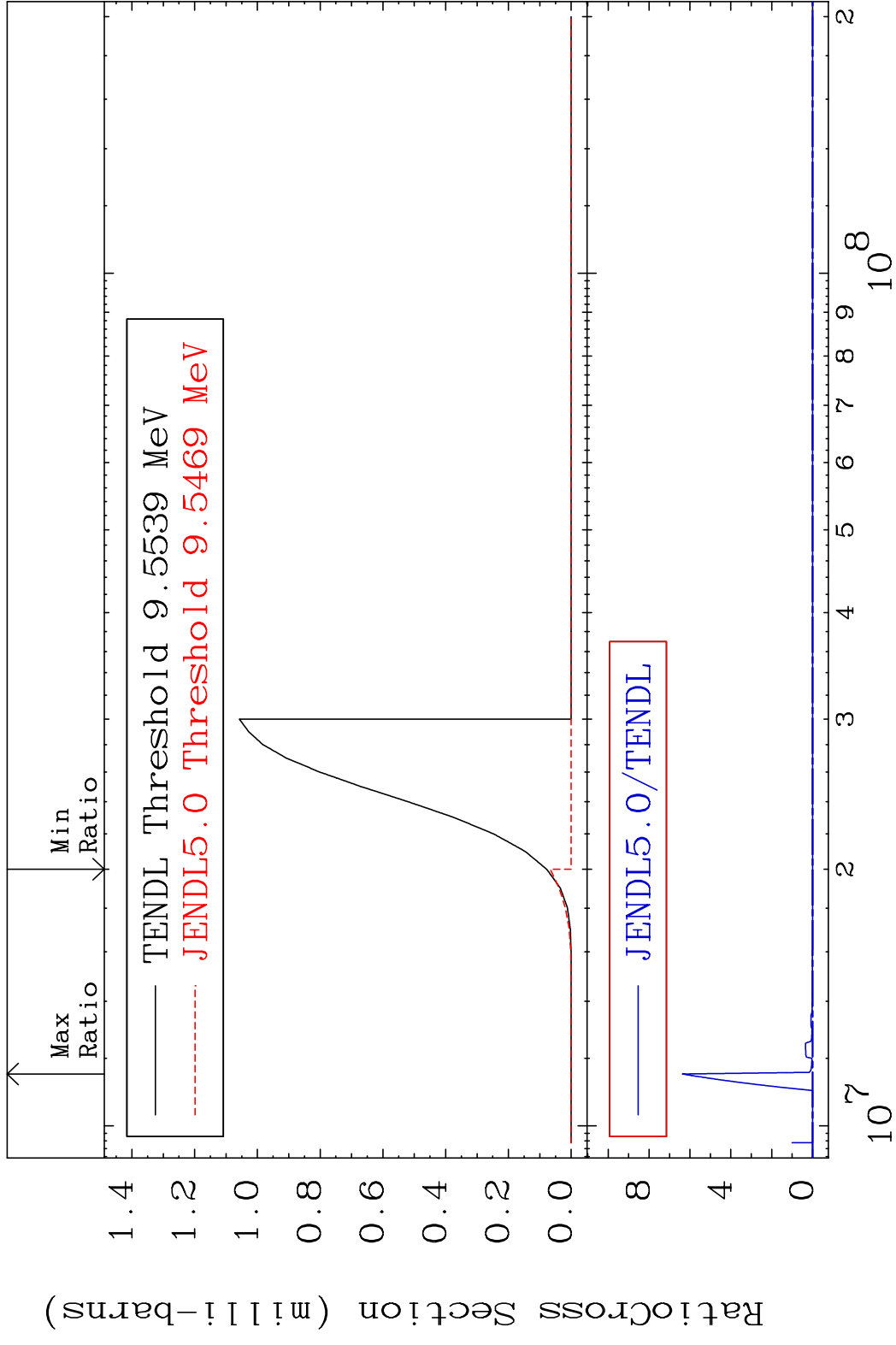


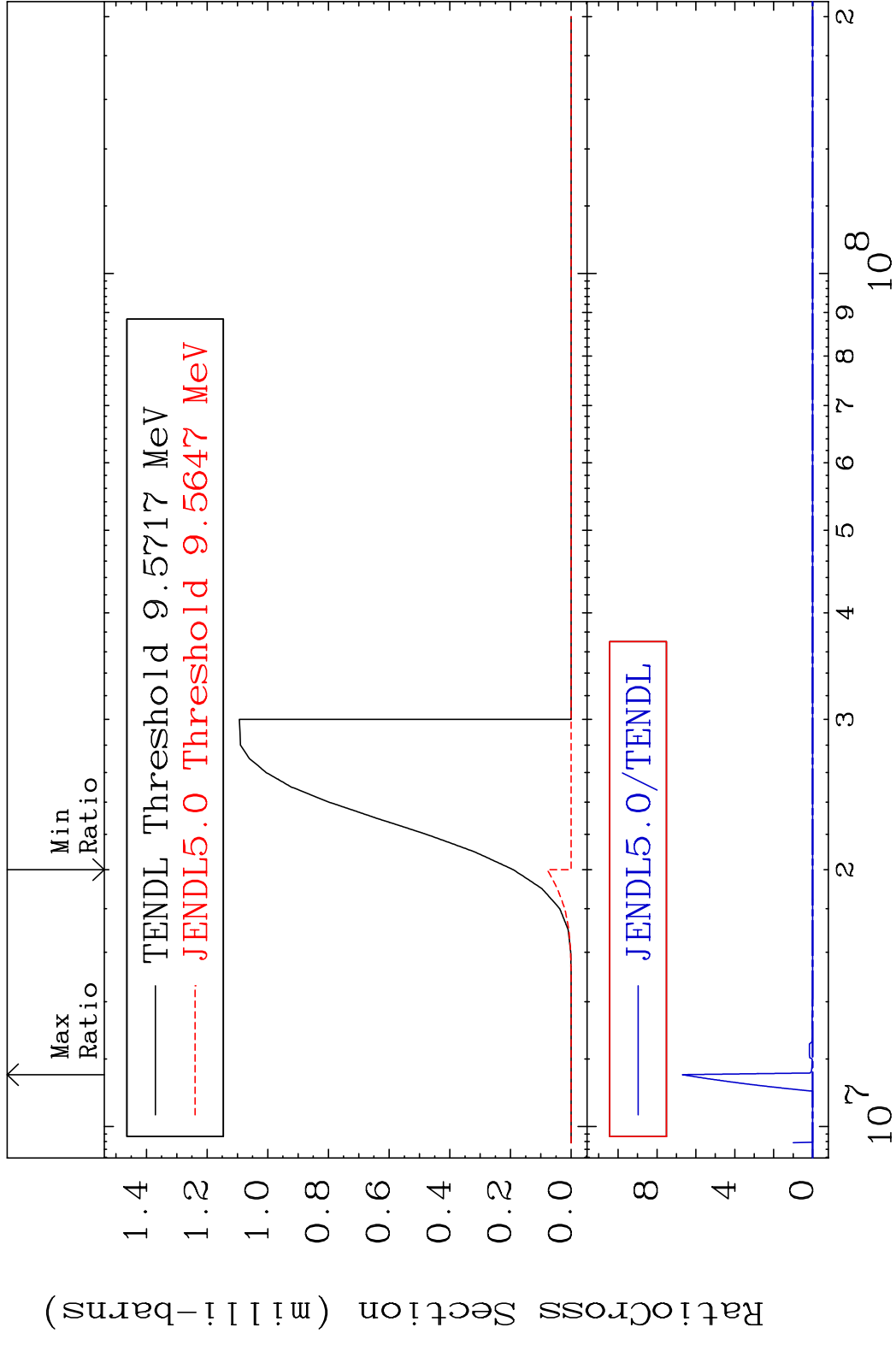
MAT 5249 (n,p):51-Sb-128g 52-Te-128
 Radionuclide Production Cross Section 100.00 %

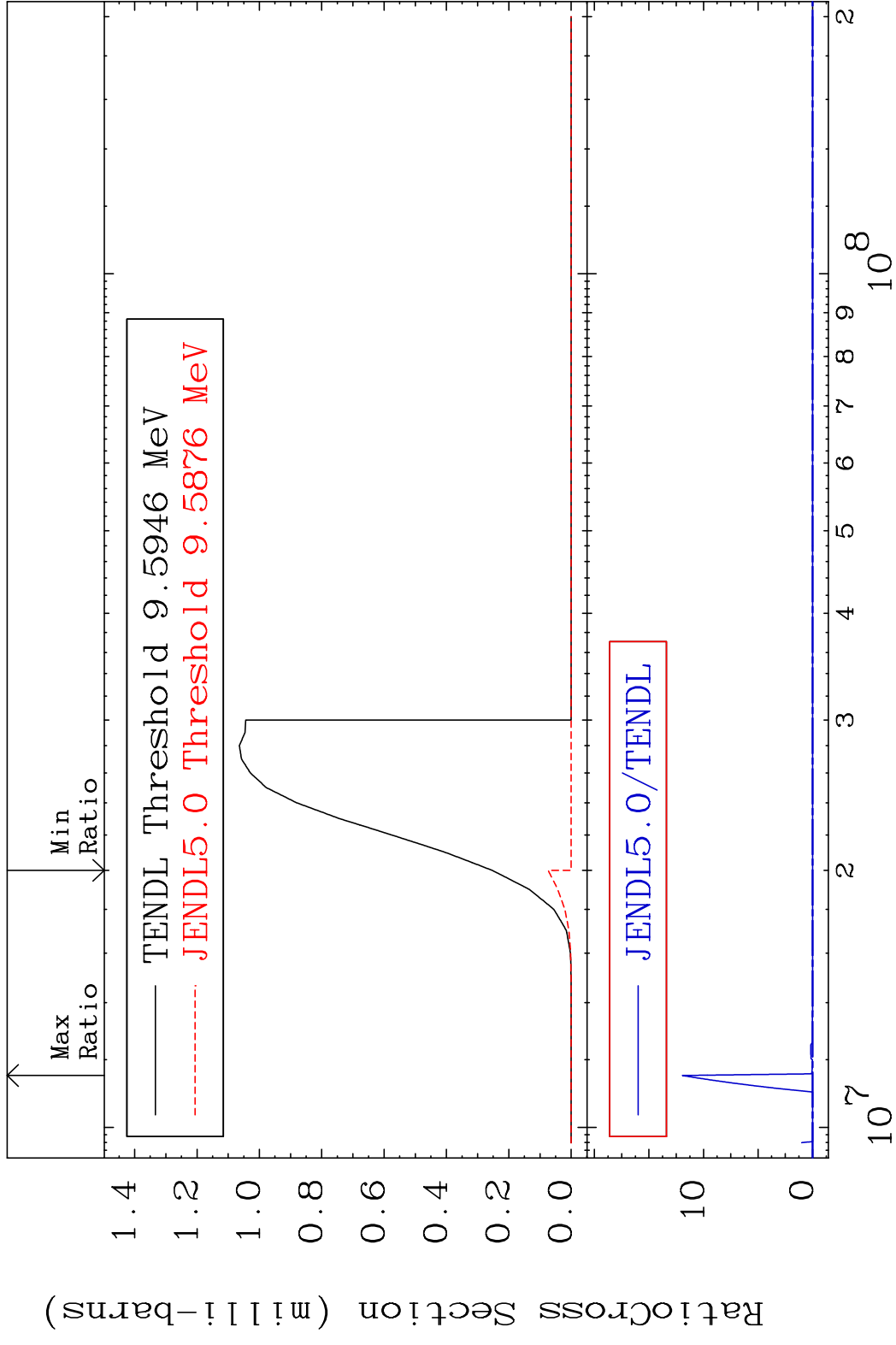


MAT 5249 (n,p):51-Sb-128m1 52-Te-128
 Radionuclide Production Cross Section Ratio 9999. %

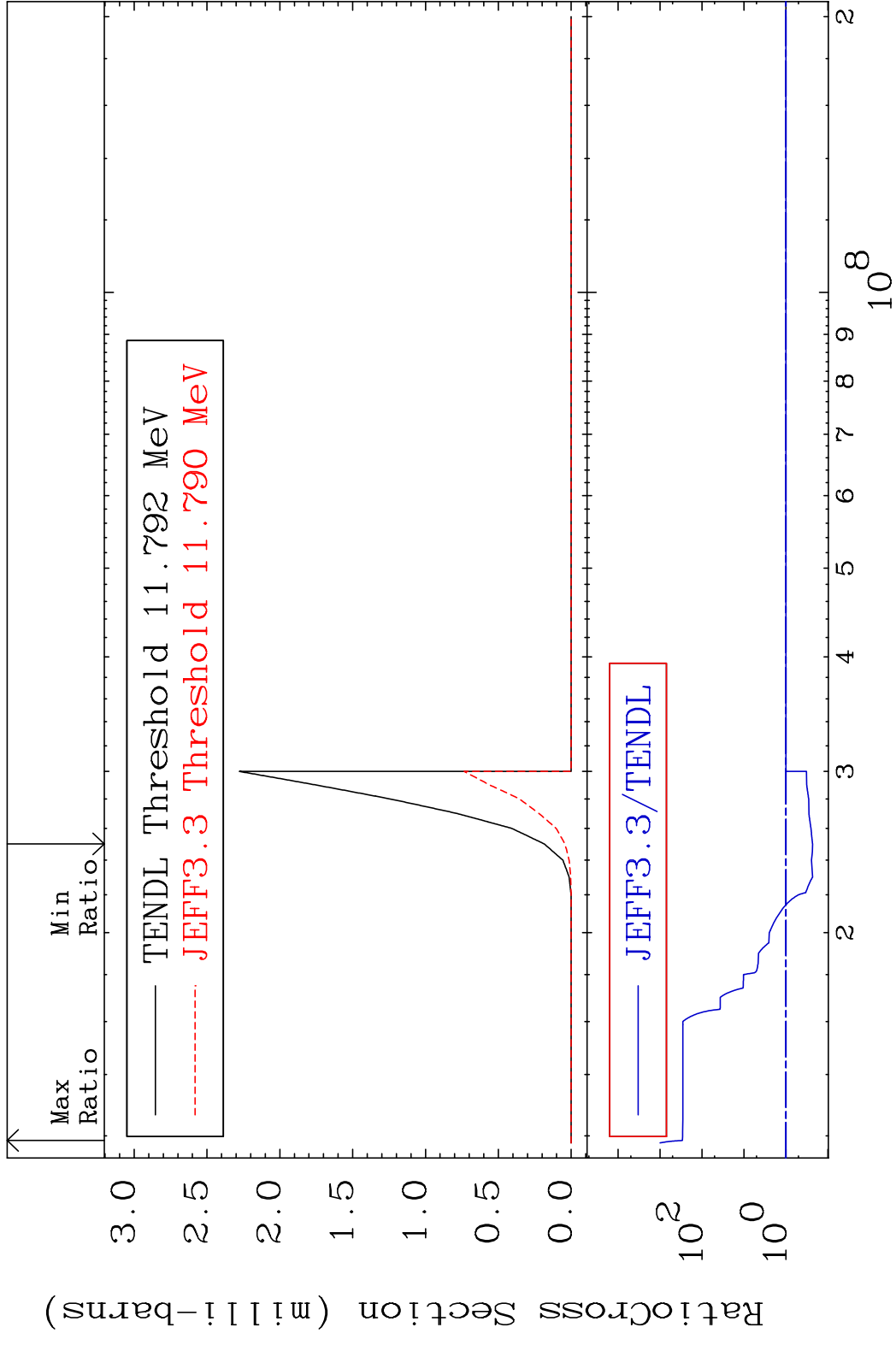


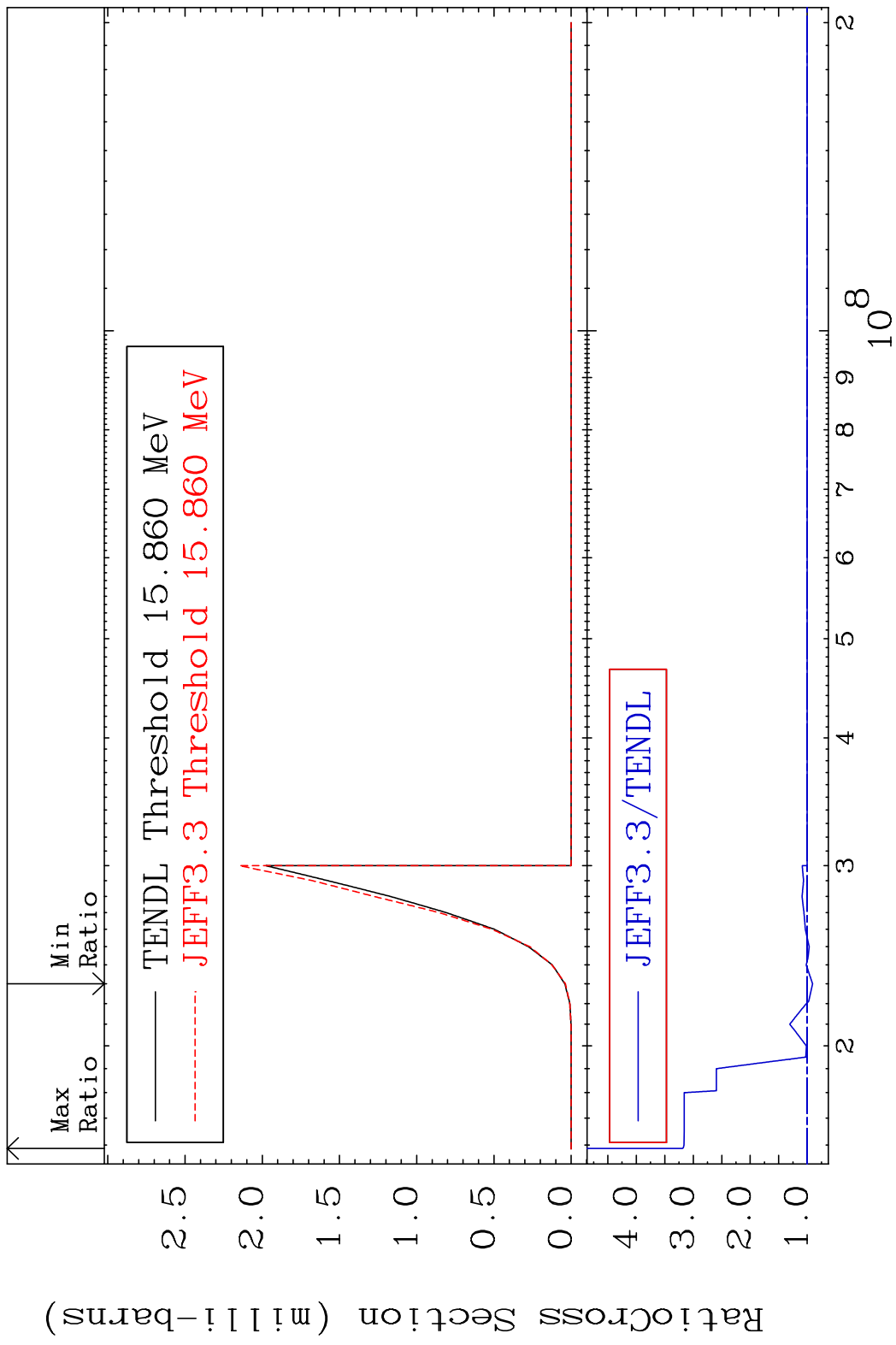


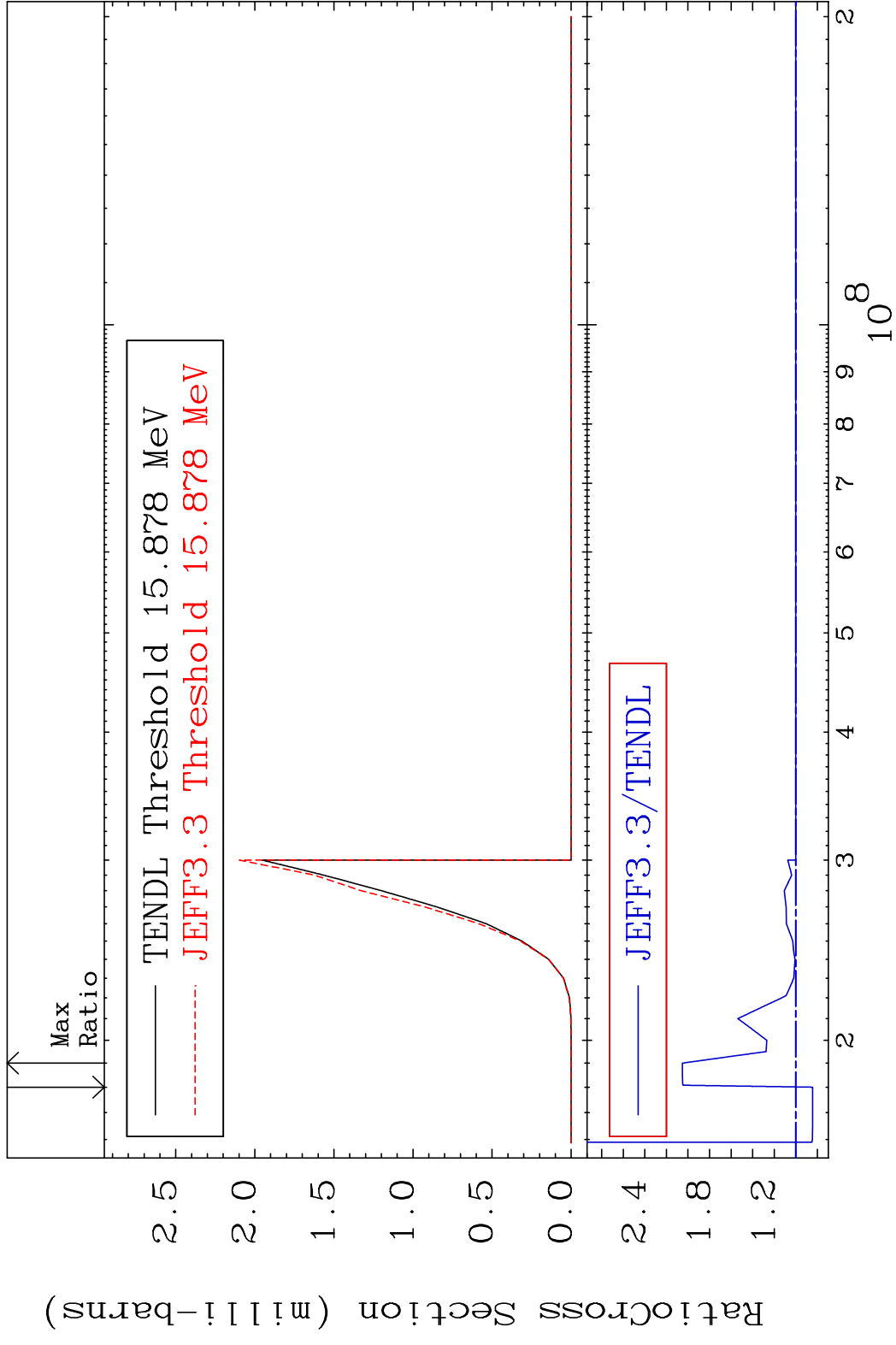


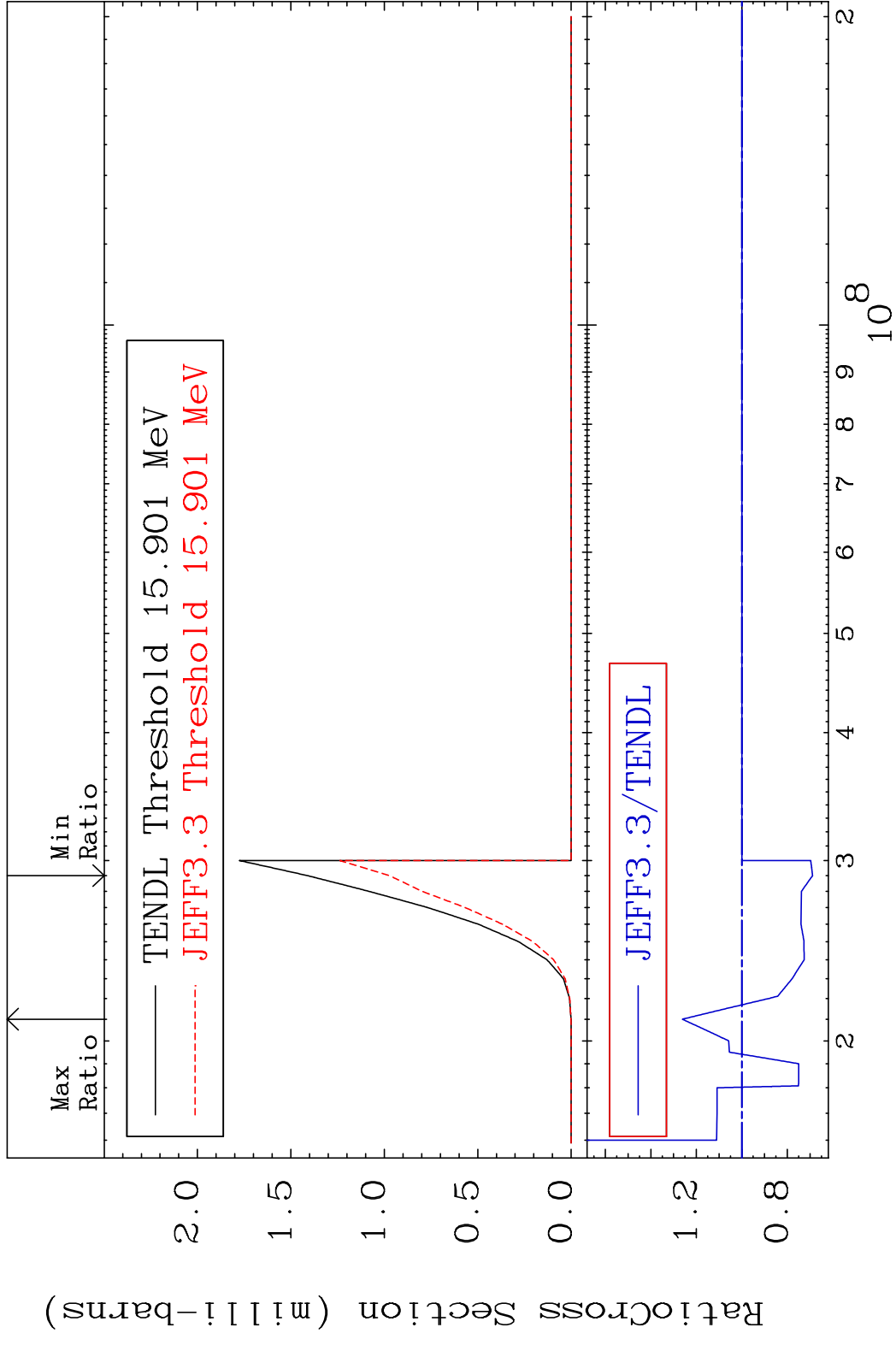


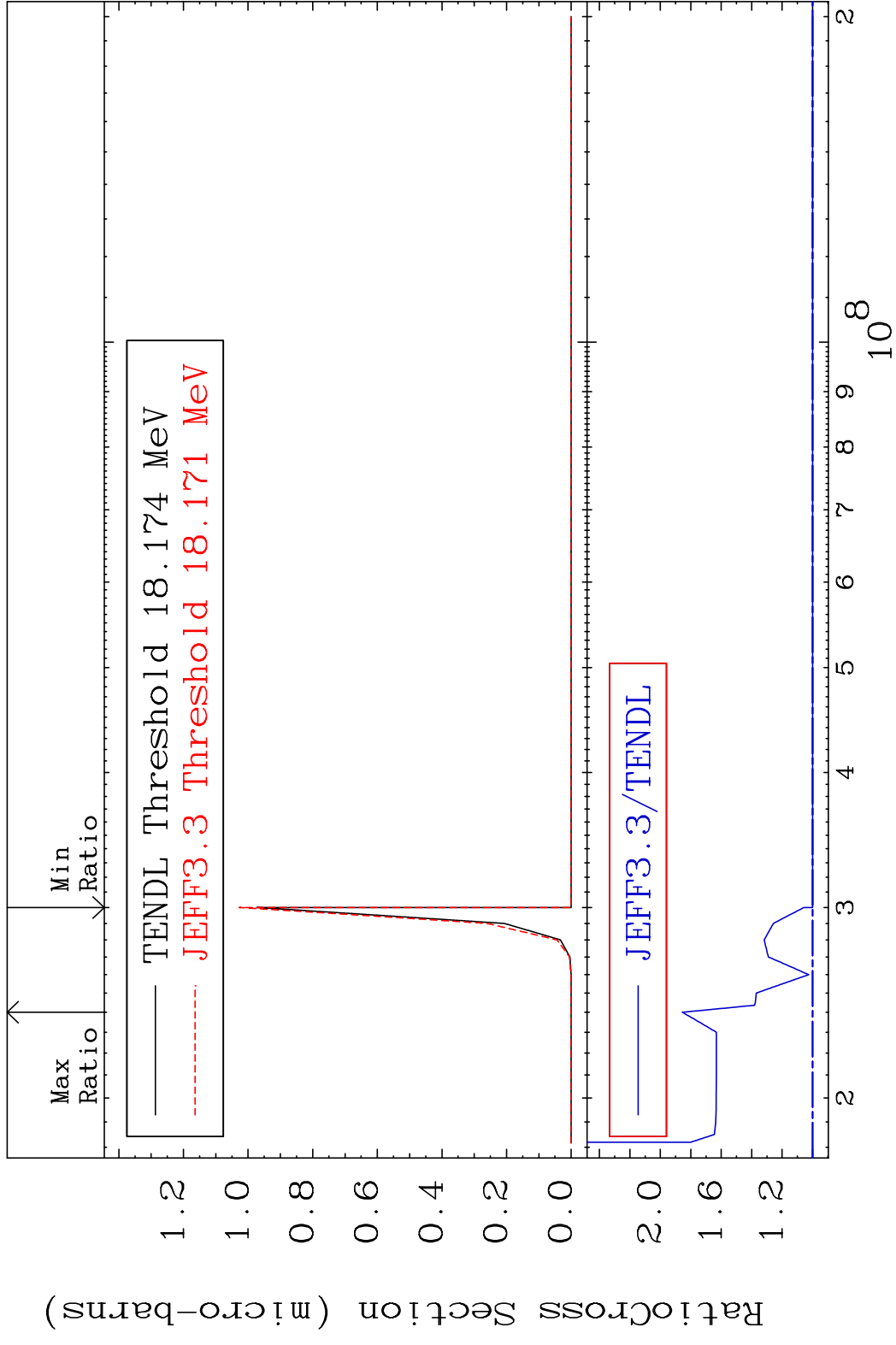
MAT 5249 (n,2n) α :50-Sn-123m1 52-Te-128
 Radionuclide Production Cross Section to 9999. %

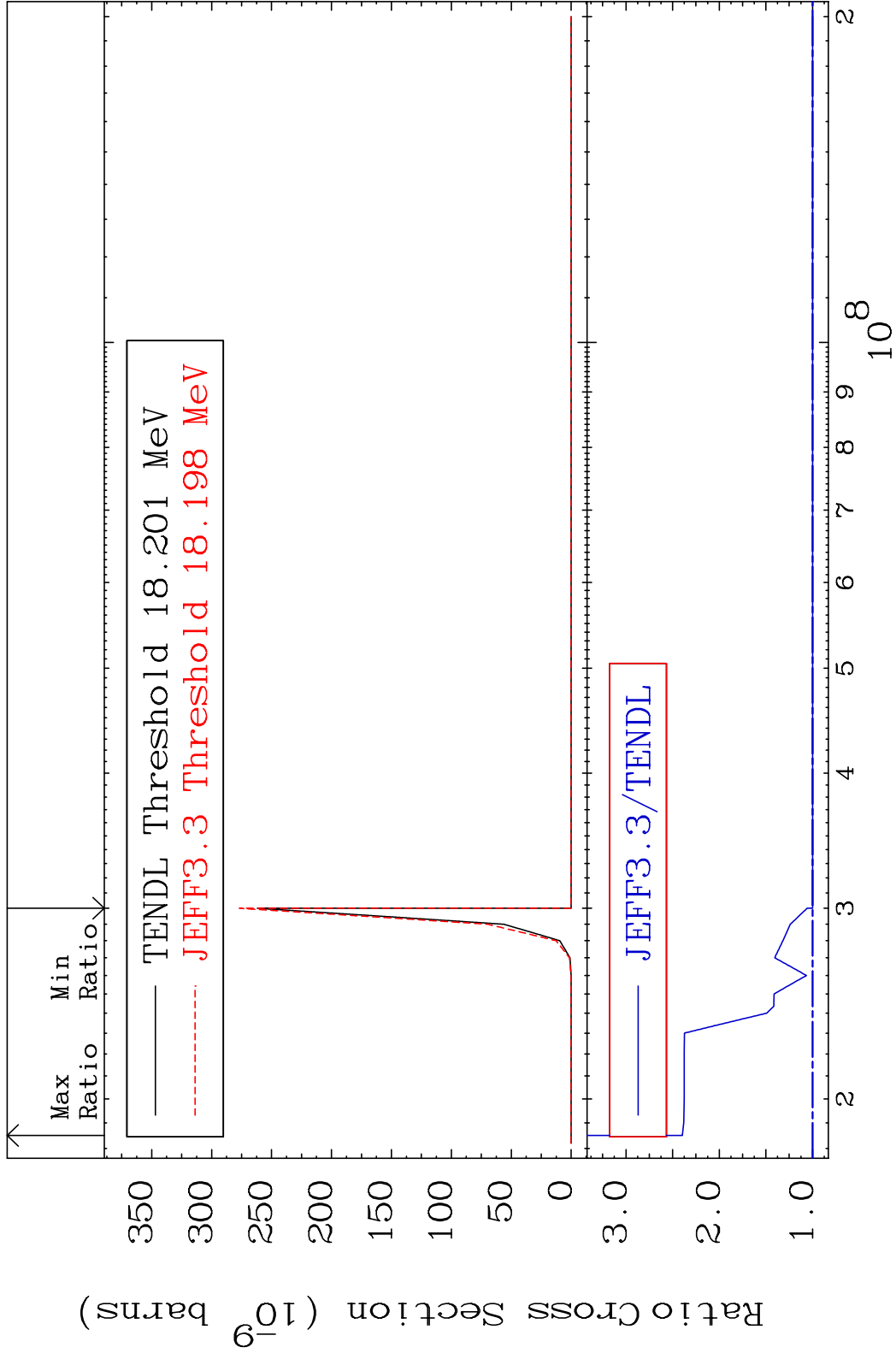




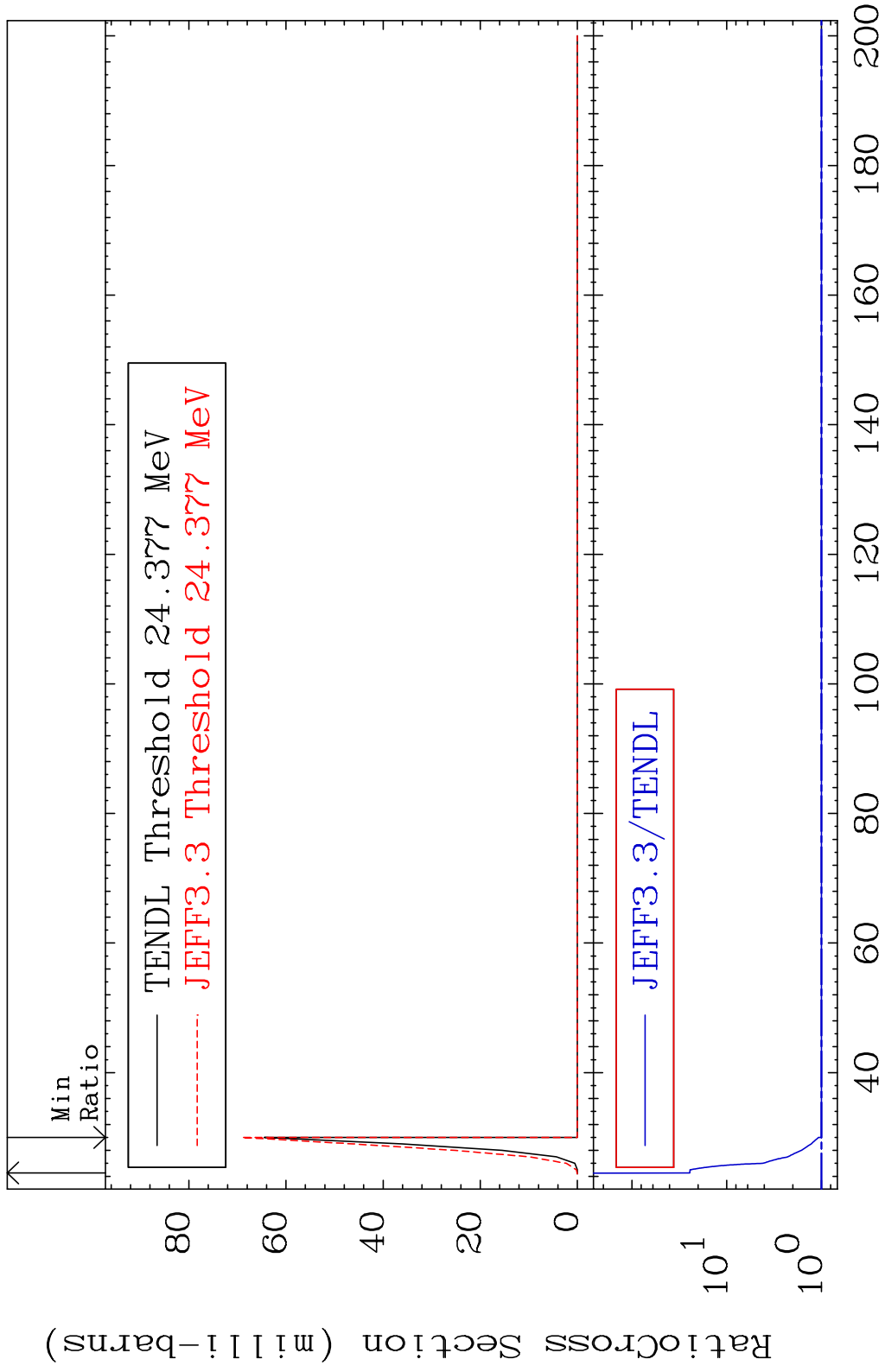


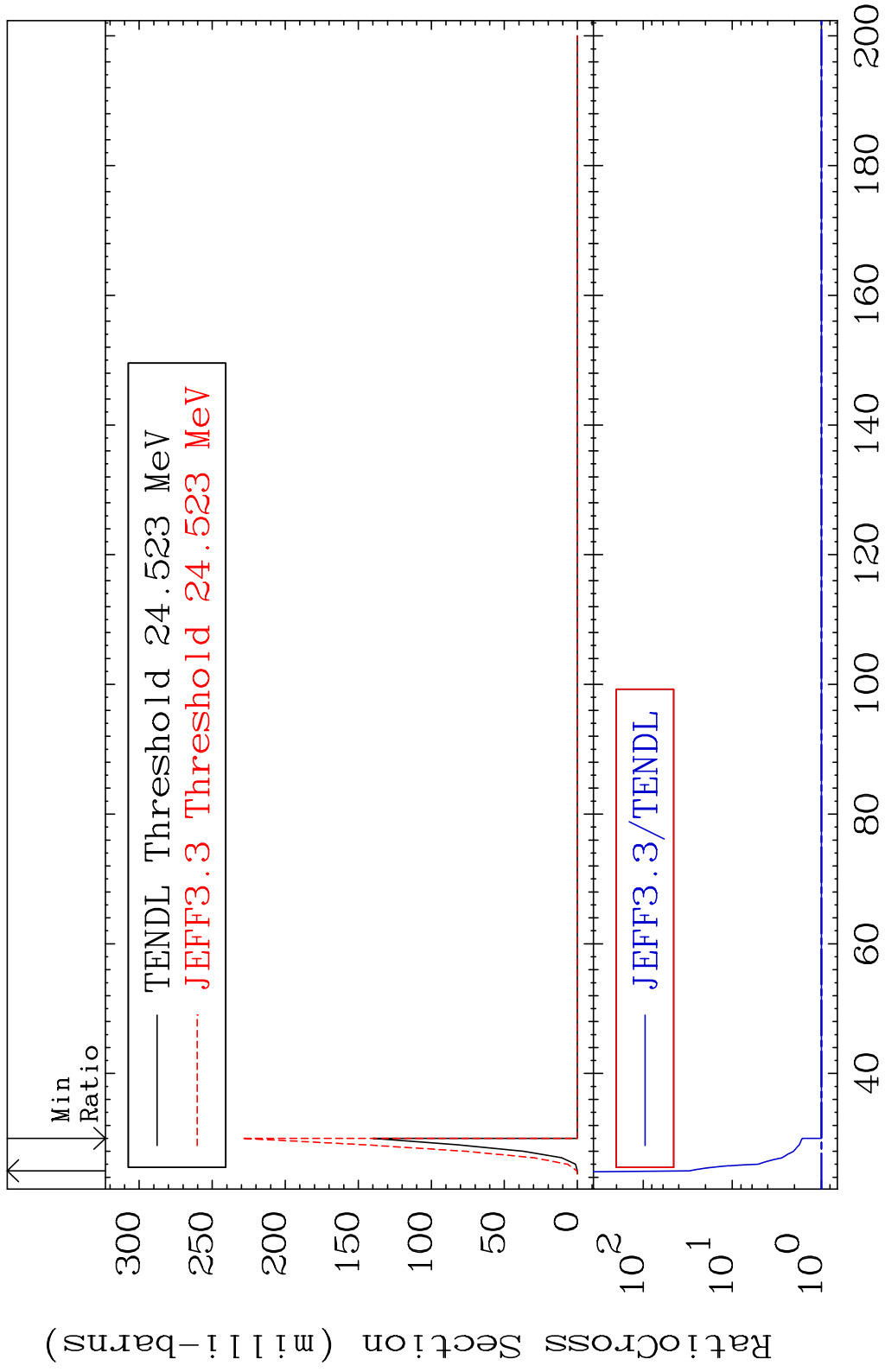


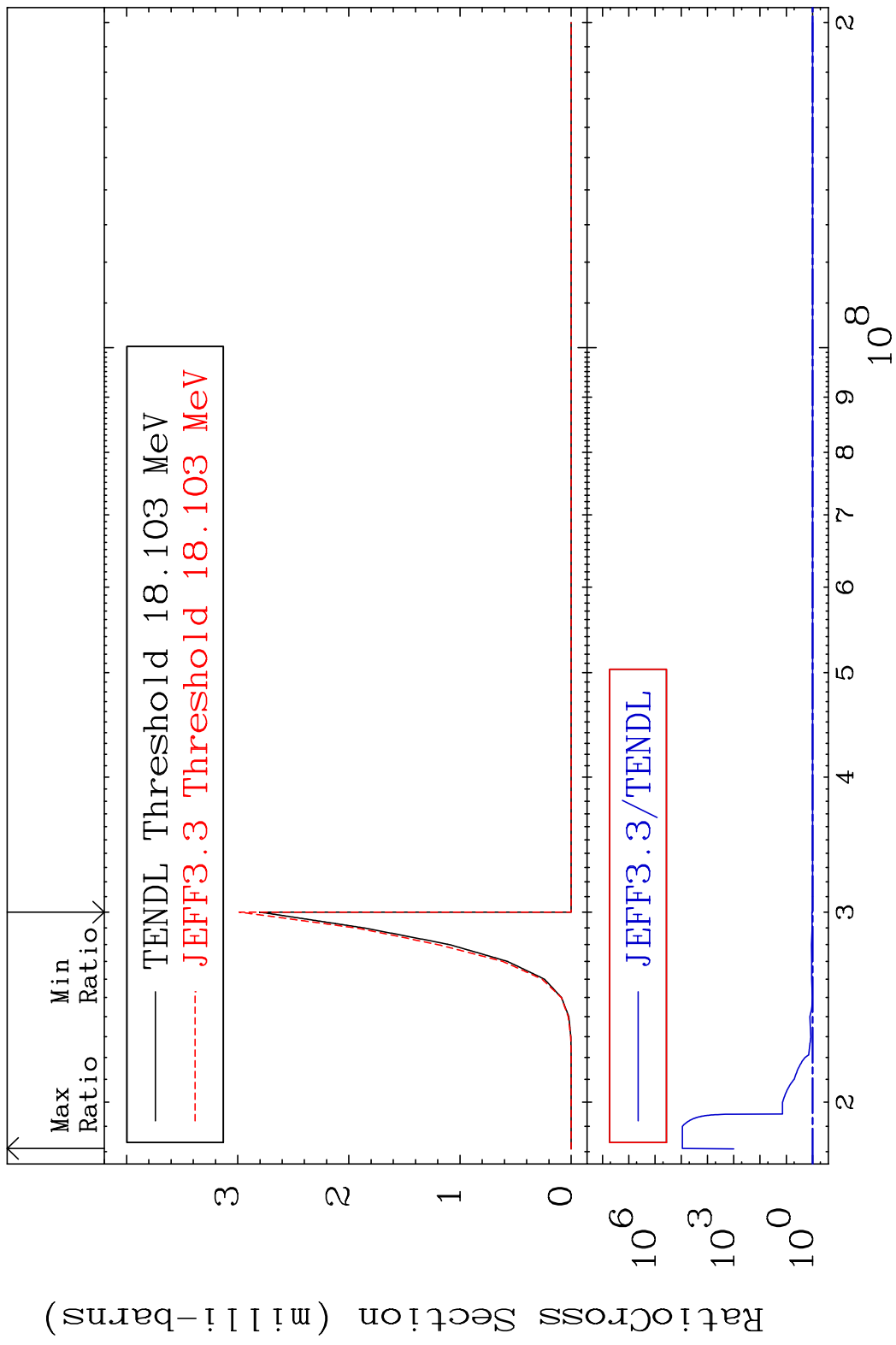


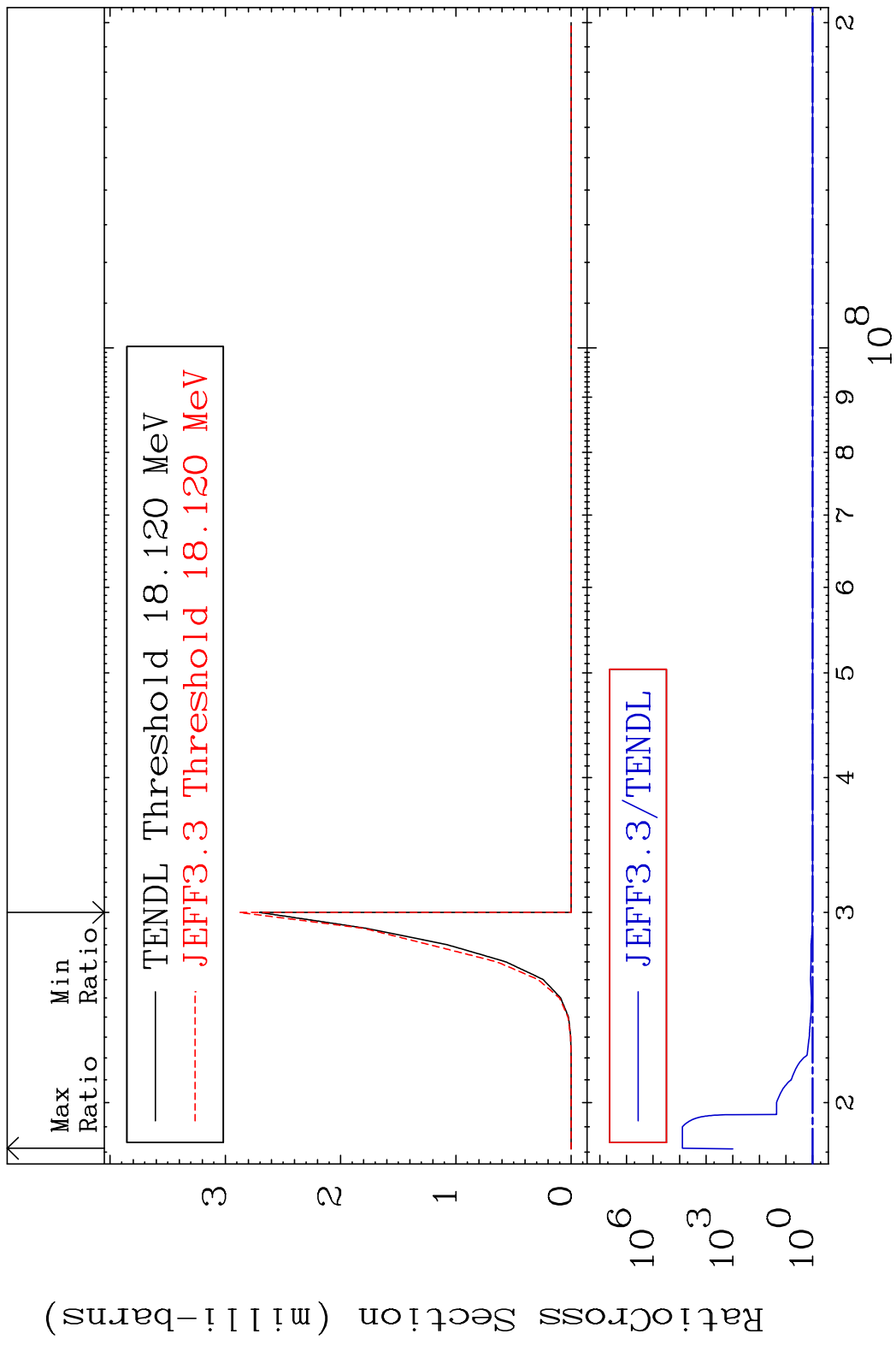


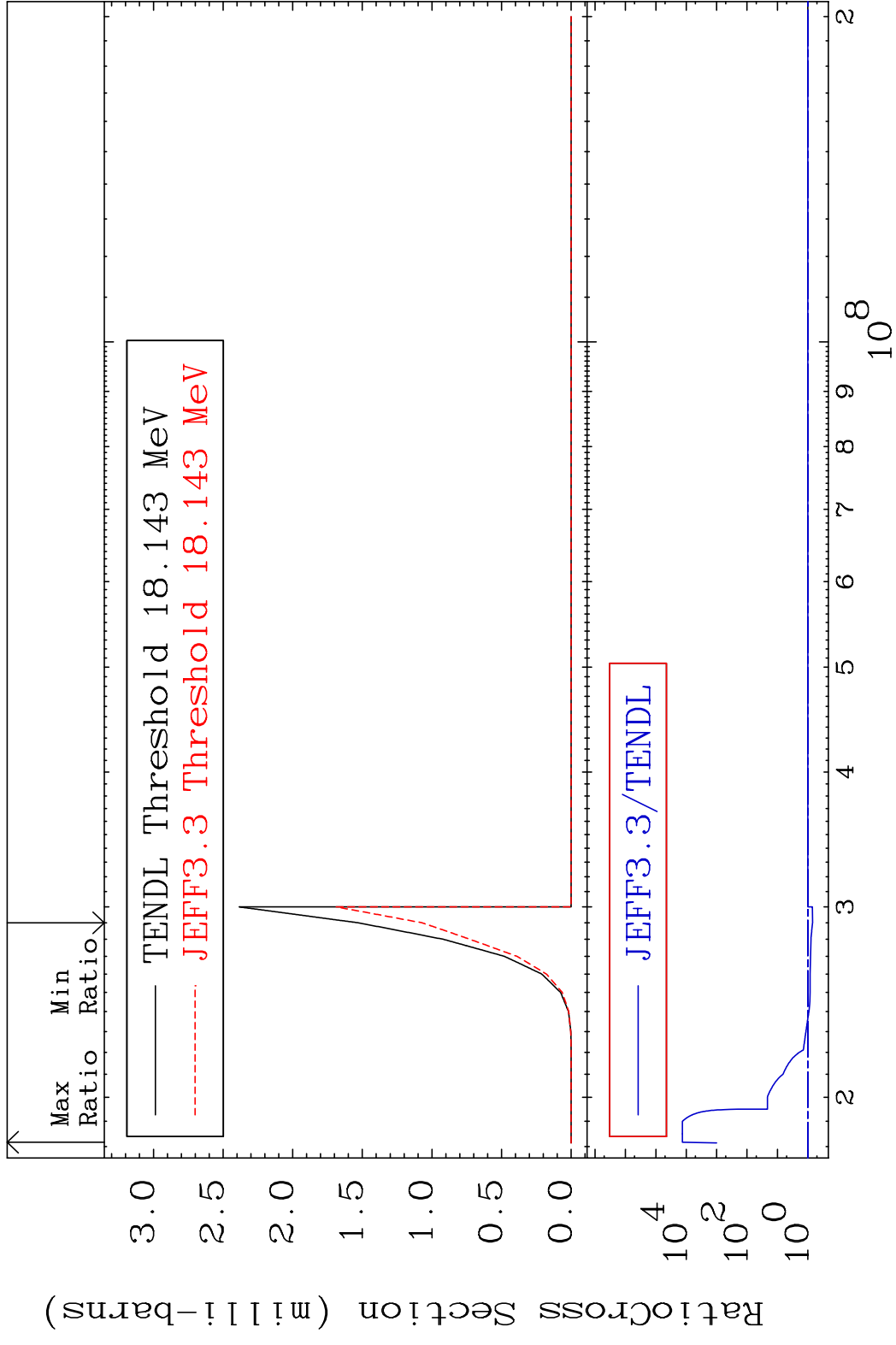
MAT 5249 (n,4n):52-Te-125g 52-Te-128
 Radionuclide Production Cross Section 2349. %

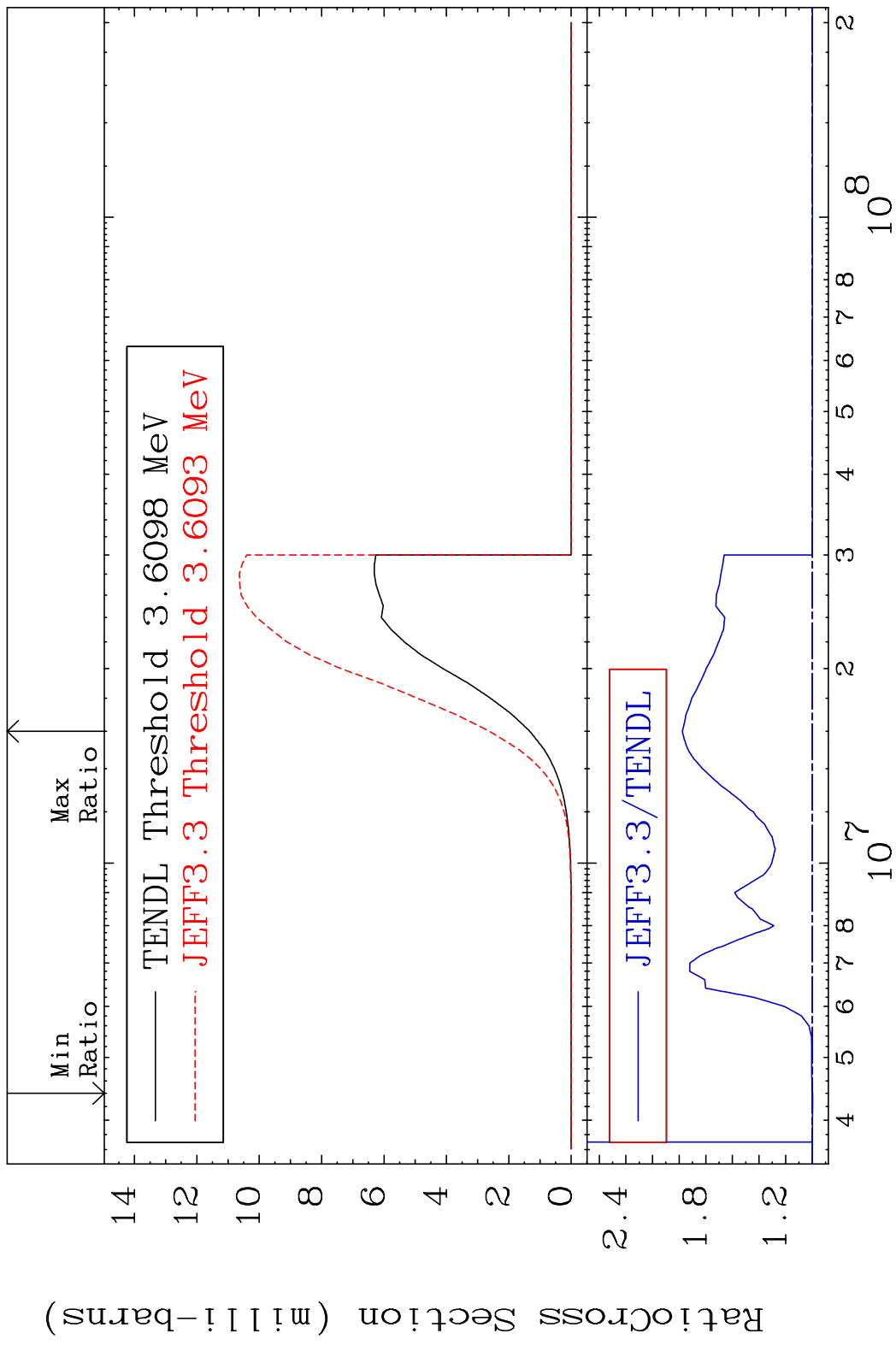




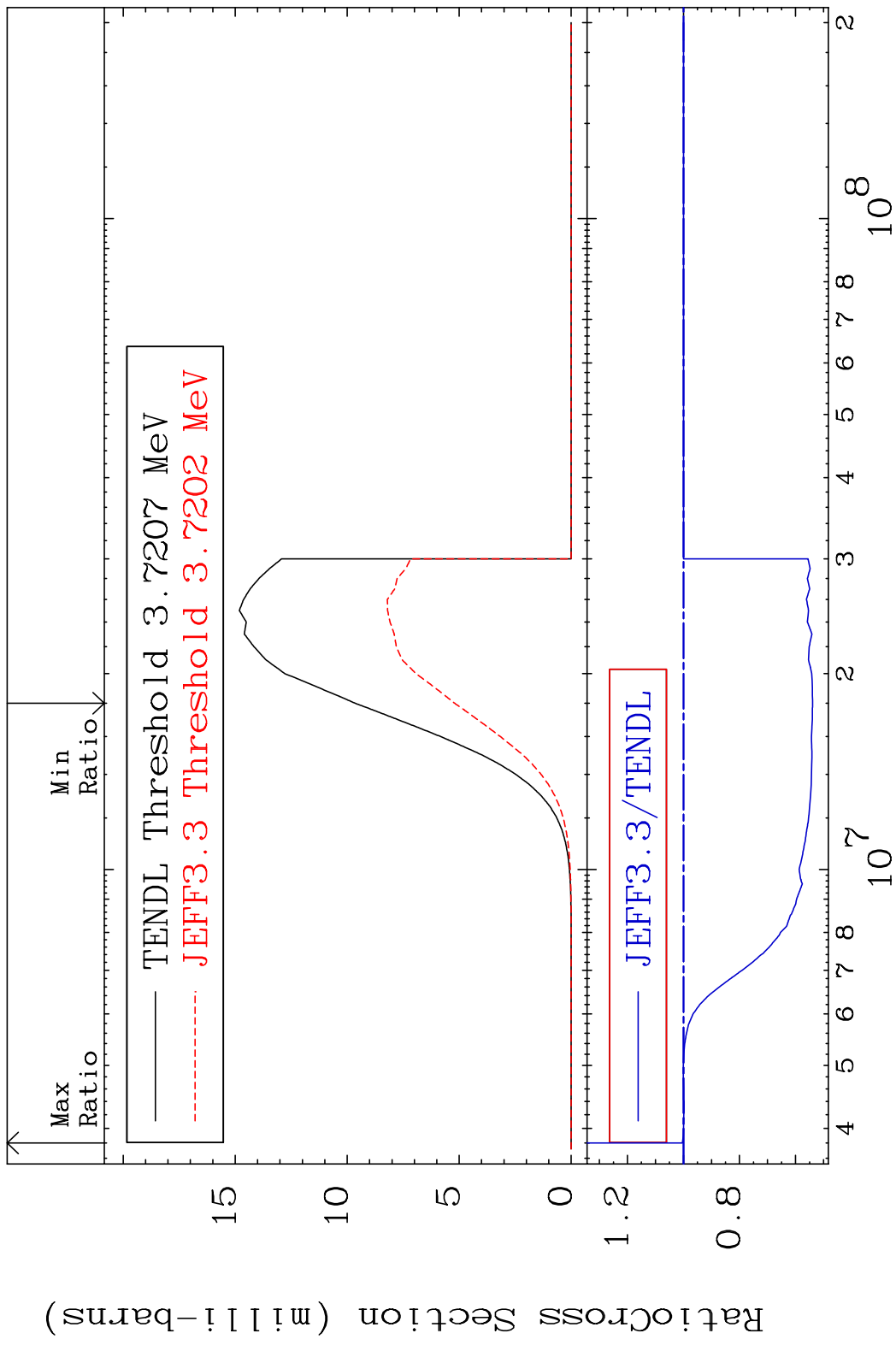




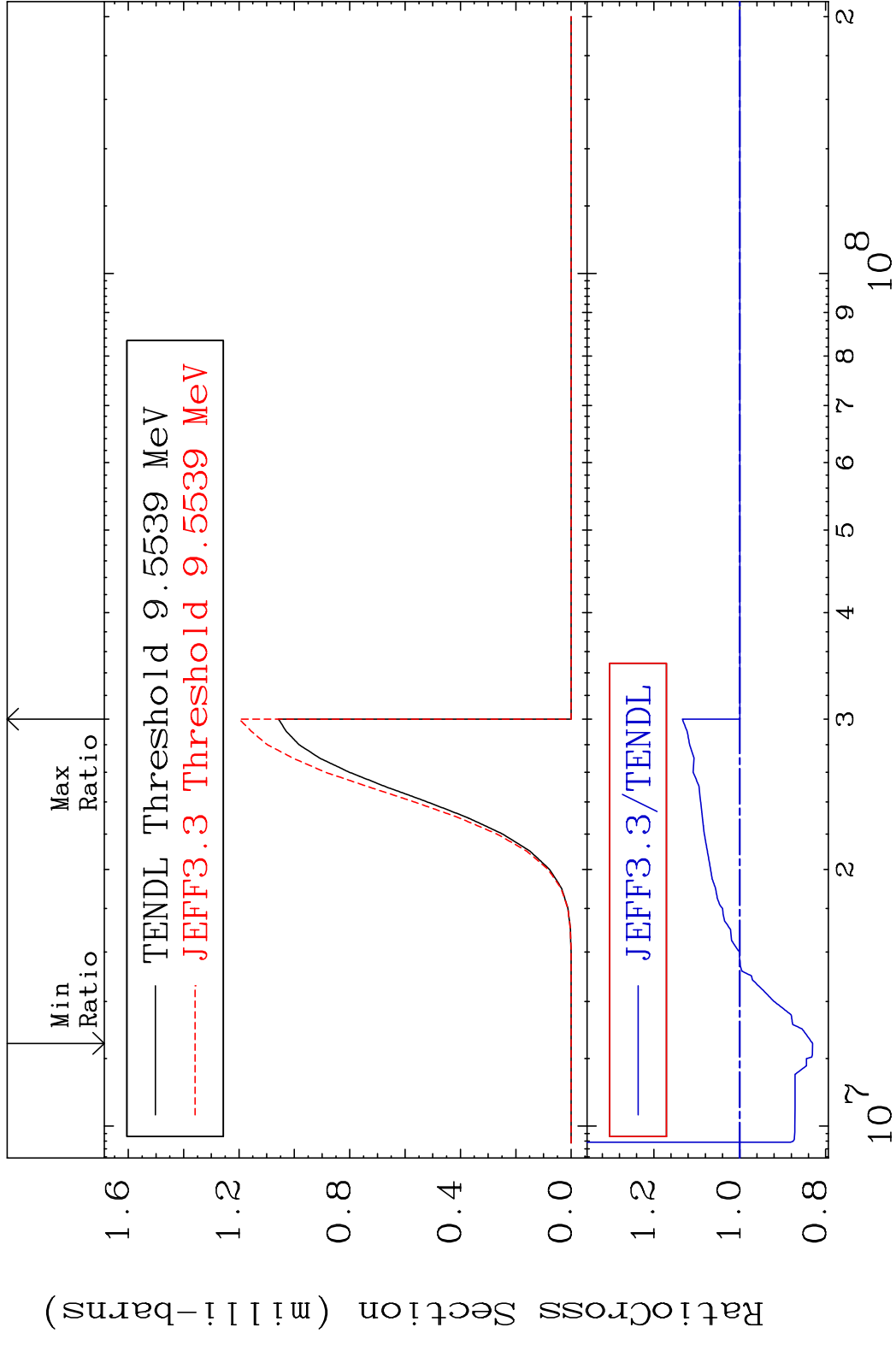




MAT 5249 (n, p):51-Sb-128m1 52-Te-128
 Radionuclide Production Cross Section 0.393 %

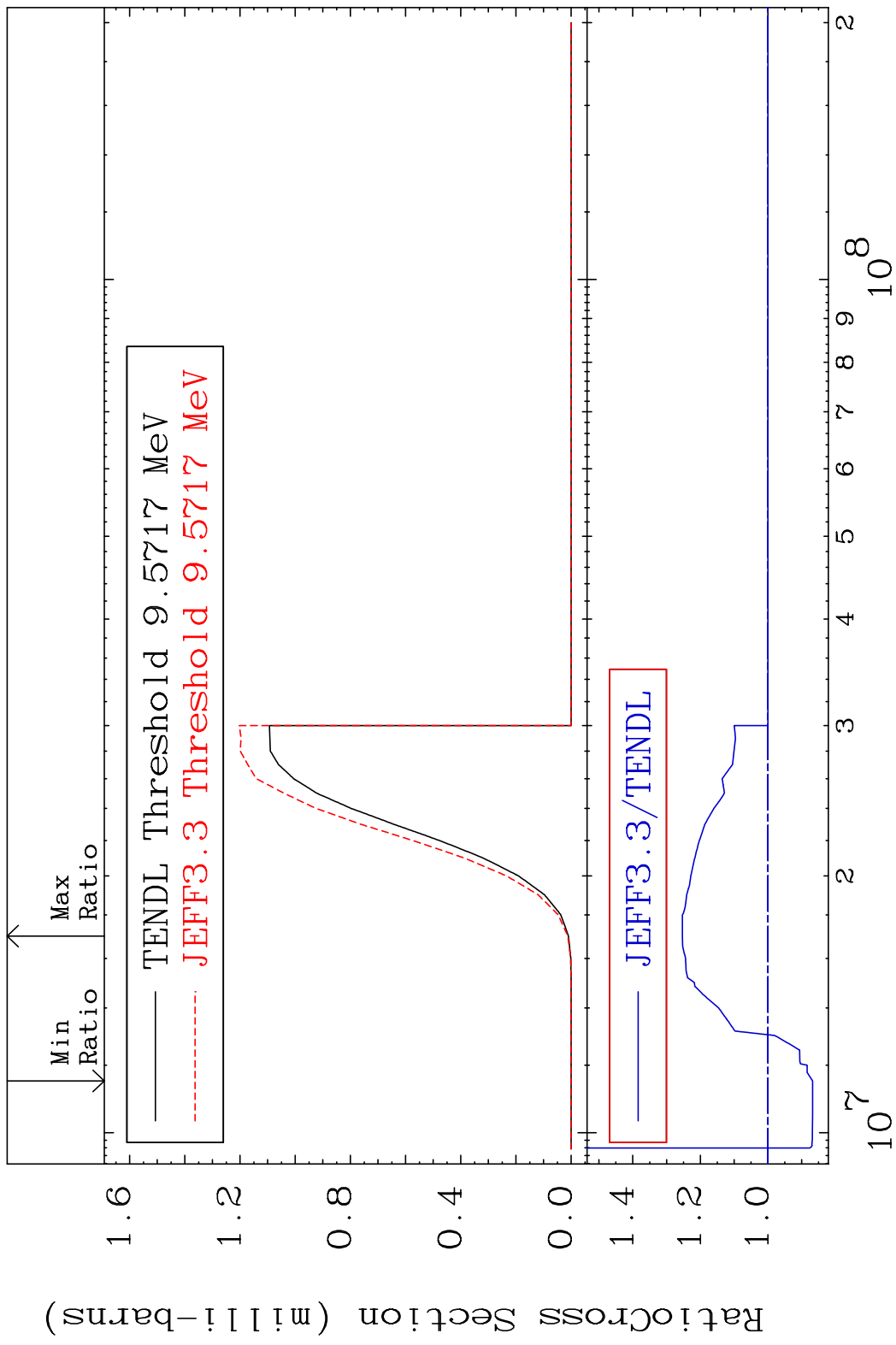


MAT 5249 (n, t):51-Sb-126g 52-Te-128
 Radionuclide Production Cross Section 186.94 mb 13.36 %



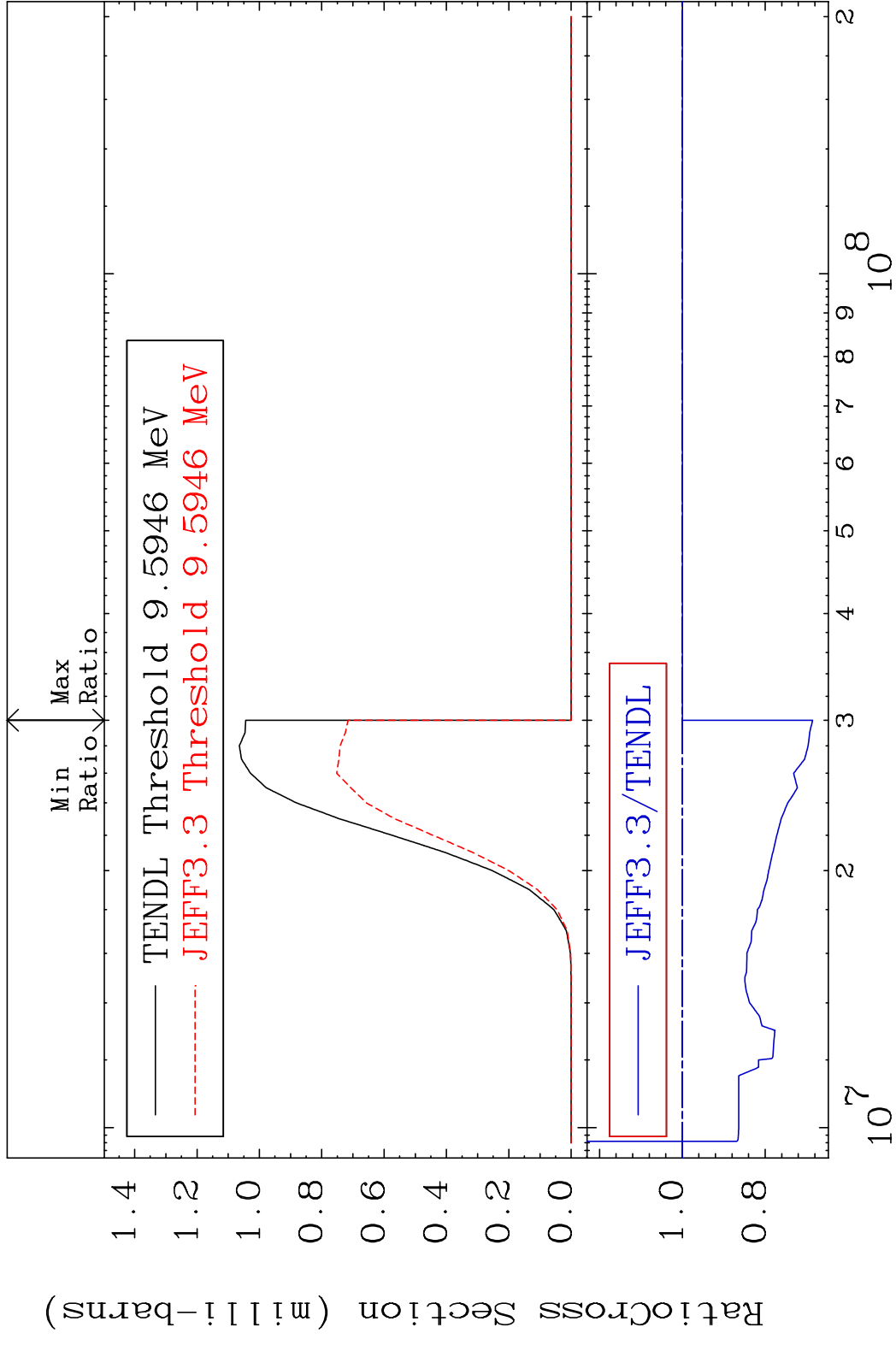
90 Incident Energy (eV) 52-Te-128

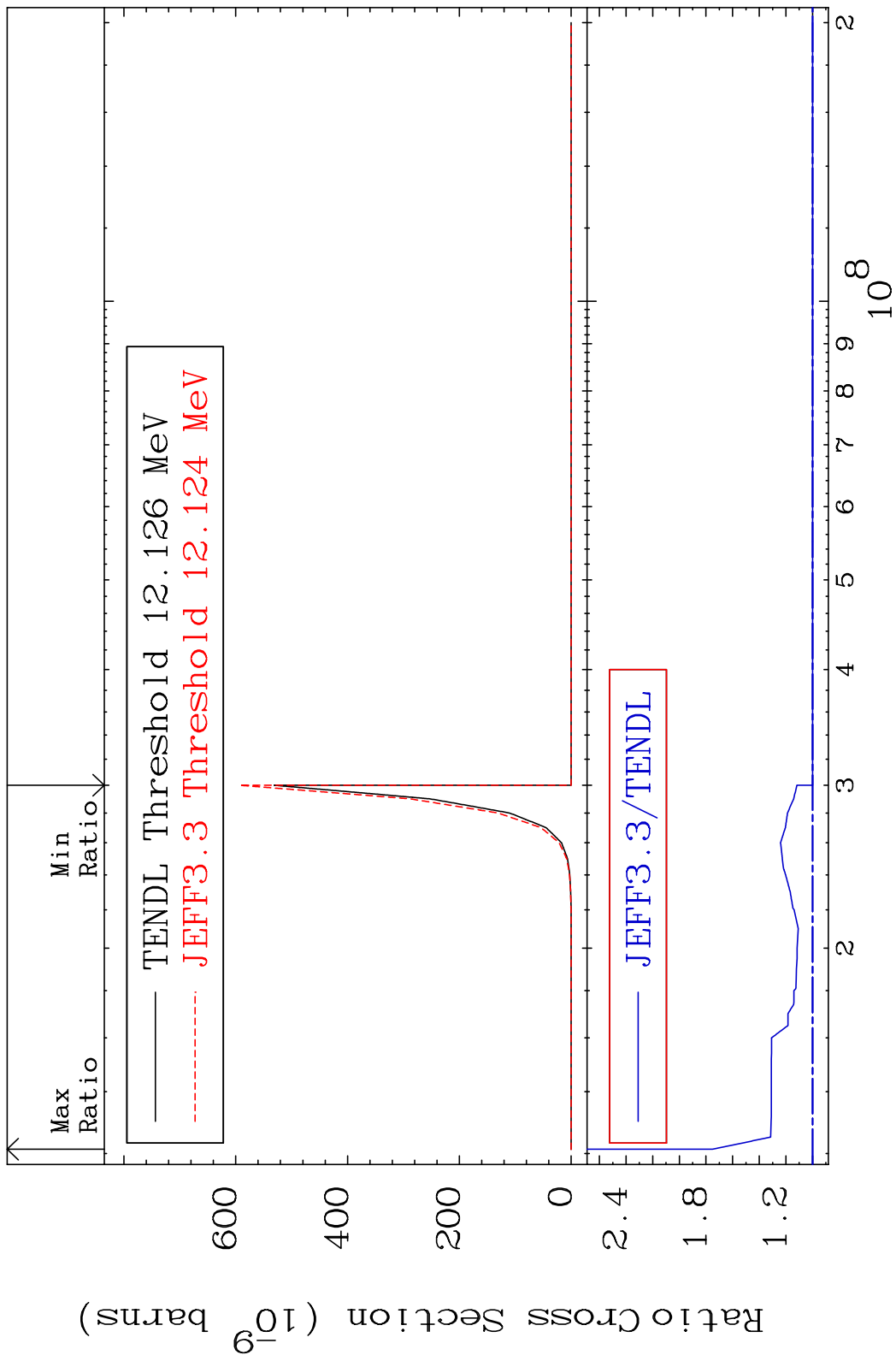
MAT 5249 (n, t):51-Sb-126m1 52-Te-128
 Radionuclide Production Cross Section Ratio 25.32 %



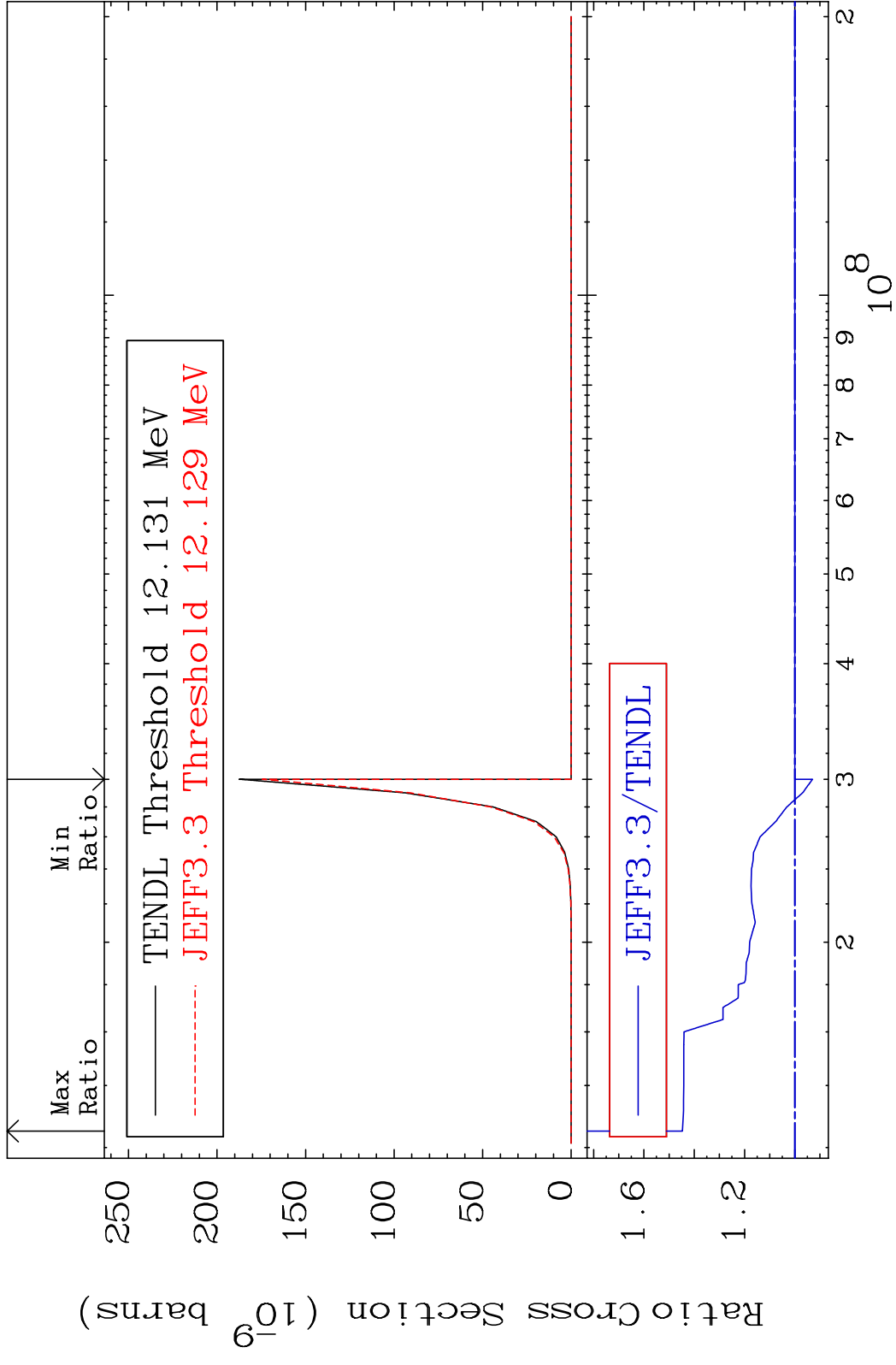
91 Incident Energy (eV) 52-Te-128

MAT 5249 (n, t):51-Sb-126m2 52-Te-128
 Radionuclide Production Cross Section 0.000 %

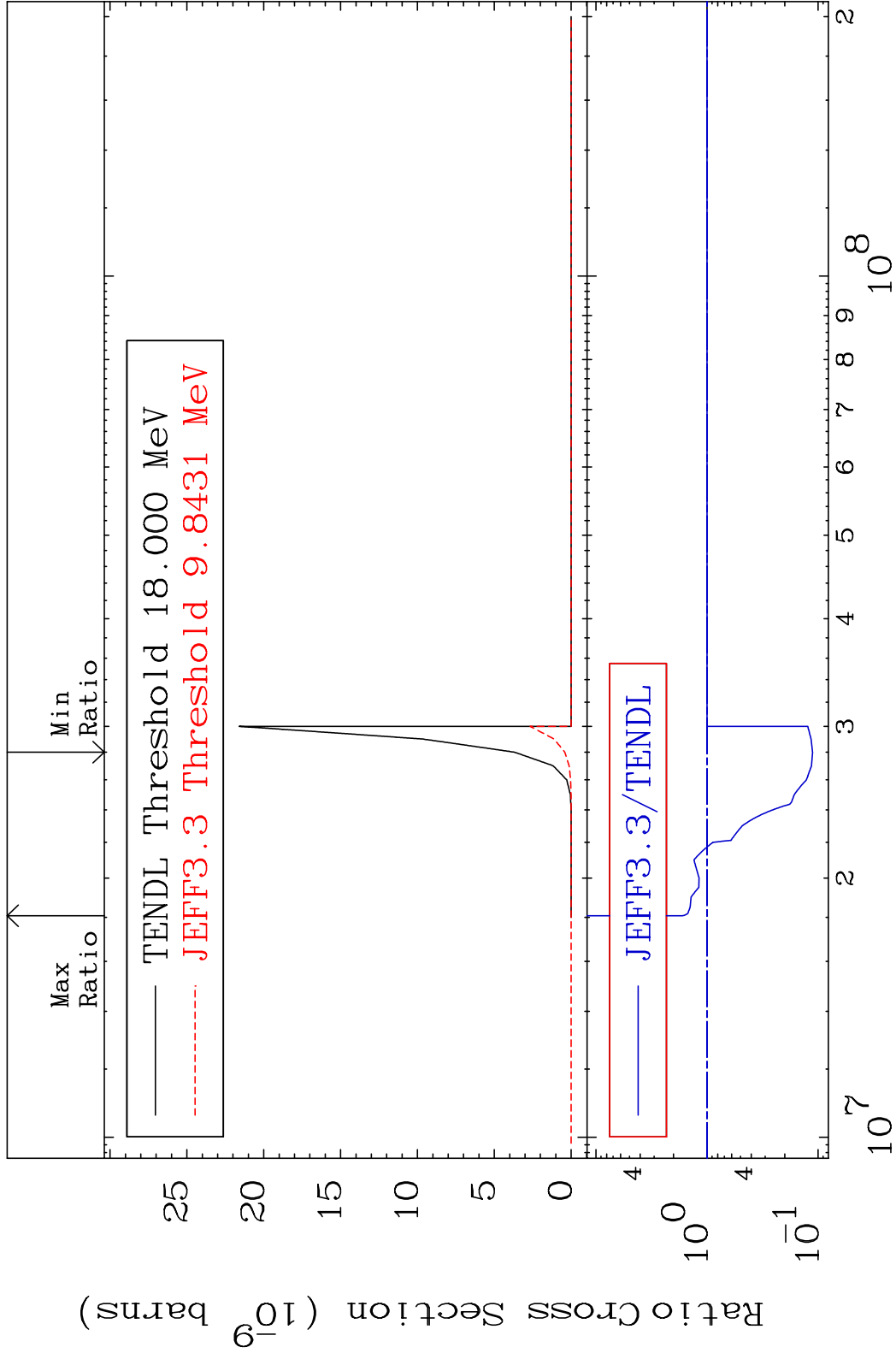




MAT 5249 (n, 2p):50-Sn-127m1 52-Te-128
 Radionuclide Production Cross Section Ratio 44.72 %



MAT 5249 (n,p) α :49-In-124g 52-Te-128
 Radionuclide Production Cross Section Ratio 66.82 %



95 Incident Energy (eV) 52-Te-128

